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OM nucleic - nucleic search, using sw model

Run on: November 13, 2003, 01:53:26 ; Search time 2227 Seconds  
(without alignments)  
3999.038 Million cell updates/sec

Title: US-10-054-678-1

Perfect score: 2725

Sequence: 1 tcagtcgtggccagctg.....aagtcacacttggctggc 2725

Scoring table: IDENTITY NUC

Gapop 10\*0, Gapext 1.0

Searched: 2169961 seqs, 1634102185 residues

Total number of hits satisfying chosen parameters: 4339922

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 120 summaries

Database : Published Applications NA:\*

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17: /cgn2\_6/ptodata/2/pubpna/US60\_PUBCOMB.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2725	100.0	2725	14	US-10-054-678-1
2	1940	71.2	1955	14	US-10-175-523-53
3	1807.2	66.3	1812	14	US-10-092-908-36
4	1016.8	37.3	30781	14	US-10-092-908-37
5	328.4	12.1	595	12	US-10-029-386-12070
6	279.4	10.3	287	12	US-10-029-386-25770
c 7	258.4	9.5	567	12	US-10-029-386-10900
c 8	258	9.5	258	12	US-10-029-386-24603
c 9	193	7.1	2037	12	US-10-311-455-2270
10	179.6	6.6	2037	12	US-10-311-455-2269
11	150.4	5.5	739	12	US-10-027-632-125683
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13	146.8	5.4	2150	12	US-10-137-870-189
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16	146.8	5.4	2150	12	US-10-140-274-189
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## RESULT 2

US-10-175-523-53  
; Sequence 53, Application US/10175523  
; Publication No. US20030096264A1  
; GENERAL INFORMATION:  
; APPLICANT: Brockman, Jeffrey  
; APPLICANT: Evans, David  
; APPLICANT: Hook, Derek  
; APPLICANT: Klimczak, Leszek  
; APPLICANT: Laeng, Pascal  
; APPLICANT: Palfreyman, Michael  
; APPLICANT: Rajan, Prithi  
; TITLE OF INVENTION: MULTI-PARAMETER HIGH THROUGHPUT SCREENING ASSAYS (MPHTS)  
; FILE REFERENCE: 3235/10795-US3  
; CURRENT APPLICATION NUMBER: US/10/175,523  
; CURRENT FILING DATE: 2002-06-18  
; PRIOR APPLICATION NUMBER: US 60/299,151  
; PRIOR FILING DATE: 2001-06-18  
; PRIOR APPLICATION NUMBER: US 60/317,828  
; PRIOR FILING DATE: 2001-09-07  
; PRIOR APPLICATION NUMBER: US 60/325,150  
; PRIOR FILING DATE: 2001-09-25  
; PRIOR APPLICATION NUMBER: US 60/333,047  
; PRIOR FILING DATE: 2001-11-14  
; PRIOR APPLICATION NUMBER: US 60/349,936  
; PRIOR FILING DATE: 2002-01-18  
; PRIOR APPLICATION NUMBER: US 60/361,834  
; PRIOR FILING DATE: 2002-03-04  
; NUMBER OF SEQ ID NOS: 197  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 53  
; LENGTH: 1955  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-175-523-53

Query Match 71.2%; Score 1940; DB 14; Length 1955;  
Best Local Similarity 99.7%; Pred. No. 0;  
Matches 1943; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

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QY 1388 CCTCTGCACCTTACAAACGGAAGACCGGGAGCTGGCCACAGTGGGGGCTTCGGGATCC 1447  
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QY 1448 TGGAGGAGATGTGTCAACTACGTGCACTACTACCCCGACAGCGAGCTGGAGCTCTGCA 1507  
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QY 1561 ACGAGGATGTCTGCACTGCTCCCTCAGGCGCTCGTGTCTCAGCAGTTCACCTCTGTTCCT 1620  
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QY 1568 ACGAGGATGTCTGCACTGCTCCCTCAGGCGCTCGTGTCTCAGCAGTTCACCTCTGTTCCT 1627  
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QY 1621 GGAACTCTTCAACCGCGACGTACTGAAGGCGCTGTACAGTTCGCGGCCATCTCCATGC 1680  
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QY 1628 GGAACTCTTCAACCTGCGACGTACTGAAGGCGCTGTACAGTTCGCGGCCATCTCCATGC 1687  
DB |||||  
QY 1681 ACTGCAACAGGCTCCTCAGCGCTCCCTCCAGGGTGAATGGAACCTGACAGCCCTGCCCA 1740  
DB |||||  
QY 1688 ACTGCAACAGGCTCCTCAGCGCTCCCTCCAGGGTGAATGGAACCTGACAGCCCTGCCCA 1747  
DB |||||  
QY 1741 AGGTCACTTCCACACTTGAAGAGCCACCCCAAGTGGCCCCACAGCCAGCCAGGCGCGAAGCC 1800  
DB |||||  
QY 1748 AGGTCACTTCCACACTTGAAGAGCCACCCCAAGTGGCCCCACAGCCAGGCGCGAAGCC 1807  
DB |||||  
QY 1801 CTGCTGGCCCCACCGTGTGTCAGCATTTGGGGGCAAGGCTGAGGGGAGCTACTCCT 1860  
DB |||||  
QY 1808 CTGCTGGCCCCACCGTGTGTCAGCATTTGGTGGGGGCAAGGCTGAGGGGAGCTACTCCT 1867  
DB |||||  
QY 1861 CCCCCCTCCCTCATGCTCCCTGTTGGGCTCACACGGGCACTGTGCACTCTACTCTGCGAC 1920  
DB |||||  
QY 1868 CCCCCCTCCCTCATGCTCCCTGTTGGGCTCACACGGGCACTGTGCACTCTACTCTGCGAC 1927  
DB |||||  
QY 1921 GATCCCATGGAACAGCCCTTCACAGCCC 1948  
DB |||||  
QY 1928 GATCCCATGGAACAGCCCTTCACAGCCC 1955  
DB |||||

## RESULT 3

US-10-092-908-36  
; Sequence 36, Application US/10092908  
; Publication No. US20030040015A1  
; GENERAL INFORMATION:  
; APPLICANT: Kim, Kwang-Soo  
; APPLICANT: Kim, Chun-Hyung  
; APPLICANT: Robertson, David  
; TITLE OF INVENTION: Methods and Reagents for Identifying  
; TITLE OF INVENTION: Compounds and Mutations That Modulate Dopamine  
; TITLE OF INVENTION: Beta-Hydroxylase Activity  
; FILE REFERENCE: 04843/097002

; CURRENT APPLICATION NUMBER: US/10/092,908  
; PRIOR FILING DATE: 2002-03-07  
; APPLICATION NUMBER: US 60/274,095  
; PRIOR FILING DATE: 2001-03-07  
; NUMBER OF SEQ ID NOS: 49  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 36  
; LENGTH: 1812  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-092-908-36

Query Match 66.3%; Score 1807.2; DB 14; Length 1812;  
Best Local Similarity 99.8%; Pred. No. 0;  
Matches 1809; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy	33	ATGCGGAGGAGCGCTTCATGTACAGCACAGCAGTGGCCATCTTCCTGGTCACTCCTGGTG	92
Db	1	ATGCGGAGGAGCGCTTCATGTACAGCACAGCAGTGGCCATCTTCCTGGTCACTCCTGGTG	60
Qy	93	CCCGCACTGACAGGGCTCGGCTCCCGGTGAGAGCCCCCTCCCTATCAATCCCCCTGGAC	152
Db	61	CCCGCACTGACAGGGCTCGGCTCCCGGTGAGAGCCCCCTCCCTATCAATCCCCCTGGAC	120
Qy	153	CCGAGGGGTCCTGGAGCTCTATGGAATGTACAGTACACCCAGGAGGCATCCATTTTC	212
Db	121	CCGAGGGGTCCTGGAGCTCTATGGAATGTACAGTACACCCAGGAGGCATCCATTTTC	180
Qy	213	CAGCTCTCTGGTGGGAGGCTCAAGGCTGGGCTCTGTTGGGATGTCGACCGTGGCGAG	272
Db	181	CAGCTCTCTGGTGGGAGGCTCAAGGCTGGGCTCTGTTGGGATGTCGACCGTGGCGAG	240
Qy	273	CTTGAGAACGAGATCTCGTGGTGTCTGGACCGATGGGACACATGCTATTTTGGCGAC	332
Db	241	CTTGAGAACGAGATCTCGTGGTGTCTGGACCGATGGGACACATGCTATTTTGGCGAC	300
Qy	333	GCCTGGAGTACAGAGGGGAGATCACTGATGCCAGCCAGAGGACTACCACTGCTG	392
Db	301	GCCTGGAGTACAGAGGGGAGATCACTGATGCCAGCCAGAGGACTACCACTGCTG	360
Qy	393	CAGGTGACAGAGCCCGAGAGGCTGACCTGCTTTTCAAGAGCCCTTTGGCACCTGC	452
Db	361	CAGGTGACAGAGCCCGAGAGGCTGACCTGCTTTTCAAGAGCCCTTTGGCACCTGC	420
Qy	453	GACCCCAAGGATTACCTCATTTAGAGCGGCACTGTCCACTTTGGTCTACGGGATCCTGGAG	512
Db	421	GACCCCAAGGATTACCTCATTTAGAGCGGCACTGTCCACTTTGGTCTACGGGATCCTGGAG	480
Qy	513	GAGCGTTTCGGTCACTGGAGGGCAATCAA CGGCTCGGGCTTGACAGATGGGGCTGCAGAG	572
Db	481	GAGCGTTTCGGTCACTGGAGGGCAATCAA CGGCTCGGGCTTGACAGATGGGGCTGCAGAG	540
Qy	573	GTGAGCTCTGAGCCCAATATCCCGAACCGGAGTTGCCCTCAGAGCGGTGCACCATG	632
Db	541	GTGAGCTCTGAGCCCAATATCCCGAACCGGAGTTGCCCTCAGAGCGGTGCACCATG	600
Qy	633	GAGGTCCAAAGCTCCCAATATCCAGATCCCGAGCAGGAGACCACTAGTGGTGTACATT	692
Db	601	GAGGTCCAAAGCTCCCAATATCCAGATCCCGAGCAGGAGACCACTAGTGGTGTACATT	660
Qy	693	AAGGAGCTTCAAAAGGGCTTCTCTGGGACACATTTATCAAGTACGAGCCCATCGTCAAC	752
Db	661	AAGGAGCTTCAAAAGGGCTTCTCTGGGACACATTTATCAAGTACGAGCCCATCGTCAAC	720
Qy	753	AAGGCAATGAGCCCTTGTCCACACATGGAAGTCTTCAGTGGCGGCCCGAGATGGAC	812
Db	721	AAGGCAATGAGCCCTTGTCCACACATGGAAGTCTTCAGTGGCGGCCCGAGATGGAC	780
Qy	813	AGCGTCCCGCACTTCAGGGGCTCTGGGCTCCAGATGAAACCGGCTCCCACTAC	872
Db	781	AGCGTCCCGCACTTCAGGGGCTCTGGGCTCCAGATGAAACCGGCTCCCACTAC	840
Qy	873	TGCCGCCACGTGCTGGCGCTGGGCTGGGTGCGCAAGGATTTTACTACCCAGAGGAA	932

Db	841	TGCGGCCACAGTGTGGCGCCTGGGCTGGGTCGAAGGCATTTTACTACCCAGAGAA	900
Qy	933	GCCGCGCTTGGCTTTCCGGGGTCCAGGGTCTCCAGATATCTCCGCTCGAAGTTCACTAC	992
Db	901	GCCGCGCTTGGCTTTCCGGGGTCCAGGGTCTCCAGATATCTCCGCTCGAAGTTCACTAC	960
Qy	993	CACAACCCACTGGTGTAGAGAGGACGAAACGACTCCTCAGGCATCCGCTTGTACTACACA	1052
Db	961	CACAACCCACTGGTGTAGAGAGGACGAAACGACTCCTCAGGCATCCGCTTGTACTACACA	1020
Qy	1053	GCCAAGCTGGCGCCTTCAACGCGGGGATCATGAGCTGGGACTGGTGTACACGCGCATG	1112
Db	1021	GCCAAGCTGGCGCCTTCAACGCGGGGATCATGAGCTGGGACTGGTGTACACGCGCATG	1080
Qy	1113	ATGSCCATTTCCACCACGCGGAGACCGCTTCACTCTACTGGCTACTGACCGGACAAAGTC	1172
Db	1081	ATGSCCATTTCCACCACGCGGAGACCGCTTCACTCTACTGGCTACTGACCGGACAAAGTC	1140
Qy	1173	ACCCAGCTGGCACTGCTCCTCCCGGATCCACATCTTCGCTCTCAAGCTCCACACACAC	1232
Db	1141	ACCCAGCTGGCACTGCTCCTCCCGGATCCACATCTTCGCTCTCAAGCTCCACACACAC	1200
Qy	1233	CTGACTGGGAGAAAGGTGGTCAAGTGTGGTCCGGGACGCGCCGGGAGTGGGAGATCGTG	1292
Db	1201	CTGACTGGGAGAAAGGTGGTCAAGTGTGGTCCGGGACGCGCCGGGAGTGGGAGATCGTG	1260
Qy	1293	AACCAGGACAACTACTACAGCCCTCACTCCAGGAGATCCGCATGTTGAAGAAGTCCGTG	1352
Db	1261	AACCAGGACAACTACTACAGCCCTCACTCCAGGAGATCCGCATGTTGAAGAAGTCCGTG	1320
Qy	1353	TCGCTCCATCCGGGAGATGTGCTCATCACTCTCGACGTACAAACAGGAAAGACCGGAG	1412
Db	1321	TCGCTCCATCCGGGAGATGTGCTCATCACTCTCGACGTACAAACAGGAAAGACCGGAG	1380
Qy	1413	CTGSCCAAGTGGGGGCTTCGGGATCCTGGAGGAGATGTGTCAACTACGTGCATAC	1472
Db	1381	CTGSCCAAGTGGGGGCTTCGGGATCCTGGAGGAGATGTGTCAACTACGTGCATAC	1440
Qy	1473	TACCCCGACAGCGAGCTGAGCTCTGCAGACGGCTGTGGACGCGGCTTCTCGAGAG	1532
Db	1441	TACCCCGACAGCGAGCTGAGCTCTGCAGACGGCTGTGGACGCGGCTTCTCGAGAG	1500
Qy	1533	TACTTCCACCTCATCAACAGGTTCAACAAAGAGGATGTCTGCACCTGCGCTCAGGCGTCC	1592
Db	1501	TACTTCCACCTCATCAACAGGTTCAACAAAGAGGATGTCTGCACCTGCGCTCAGGCGTCC	1560
Qy	1593	GTGTCTCAGCAGTTCACTCTGTTCCTTGAACCTCTTCAACCGGACGTACTGAAAGGCC	1652
Db	1561	GTGTCTCAGCAGTTCACTCTGTTCCTTGAACCTCTTCAACCGGACGTACTGAAAGGCC	1620
Qy	1653	CTGTACAGCTTCGGCGCCATCTCCATGCACTGCAGCAAGTCTCAGCGGTCGCTTCCAG	1712
Db	1621	CTGTACAGCTTCGGCGCCATCTCCATGCACTGCAGCAAGTCTCAGCGGTCGCTTCCAG	1680
Qy	1713	GGTGAATGGAACCTGACAGCCCTGCCCCAAGGTCTATCTCAACCTGGAAGAGCCCAACCCA	1772
Db	1681	GGTGAATGGAACCTGACAGCCCTGCCCCAAGGTCTATCTCAACCTGGAAGAGCCCAACCCA	1740
Qy	1773	CAGTGGCCCCACACAGGCGCCGAGCCCTGTGTGGCCCCACCGTTGTGAGCATTTGGTGGG	1832
Db	1741	CAGTGGCCCCACACAGGCGCCGAGCCCTGTGTGGCCCCACCGTTGTGAGCATTTGGTGGG	1800
Qy	1833	GGCAAGGCTGA 1844	
Db	1801	GGCAAGGCTGA 1812	

RESULT 4  
US-10-092-908-37  
; Sequence 37, Application US/10092908  
; Publication No. US20030040015A1  
; GENERAL INFORMATION:

APPLICANT: Kim, Kwang-Soo  
APPLICANT: Kim, Chun-Hyung  
APPLICANT: Robertson, David  
TITLE OF INVENTION: Methods and Reagents for Identifying  
TITLE OF INVENTION: Compounds and Mutations That Modulate Dopamine  
TITLE OF INVENTION: Beta-Hydroxylase Activity  
FILE REFERENCE: 04843/097002  
CURRENT APPLICATION NUMBER: US/10/092,908  
CURRENT FILING DATE: 2002-03-07  
PRIOR APPLICATION NUMBER: US 60/274,095  
PRIOR FILING DATE: 2001-03-07  
NUMBER OF SEQ ID NOS: 49  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 37  
LENGTH: 30781  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-092-908-37

Query Match 37.3%; Score 1016.8; DB 14; Length 30781;  
Best Local Similarity 99.8%; Pred. No. 3.3e-266;  
Matches 1018; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1706 CTTCCAGGGTGAATGGAACCTGAGCCCTGSCCAAGGTTCATCTCCACACTGGAAGAGCC 1765  
DB 27673 CTTGCAGGGTGAATGGAACCTGAGCCCTGSCCAAGGTTCATCTCCACACTGGAAGAGCC 27732

QY 1766 CACCCACAGTGCCTCCACAGCCAGGCGGAGCCCTGCTGGGCCACACCGTTGTACAGAT 1825  
DB 27733 CACCCACAGTGCCTCCACAGCCAGGCGGAGCCCTGCTGGGCCACACCGTTGTACAGAT 27792

QY 1826 TGGTGGGGCAAGGCTGAGGGGGGACCTACTCTCCCTCCCTCTCCATCTGTCCTCTGTG 1885  
DB 27793 TGGTGGGGCAAGGCTGAGGGGGGACCTACTCTCTCCCTCTCTCCATCTGTCCTCTGTG 27852

QY 1886 GGCTCACACCGGCACTGTGCACCTCTACTCTGCAGCATCCCCATGGAACACCCCTGCACG 1945  
DB 27853 GGCTCACACCGGCACTGTGCACCTCTACTCTGCAGCATCCCCATGGAACACCCCTGCACG 27912

QY 1946 CCAGGATGAAGGGGCGAGACCGCCCTGCTGAGACACACCGTCCCAATCCAGCCCTTCT 2005  
DB 27913 CCAGGATGAAGGGGCGAGACCGCCCTGCTGAGACACACCGTCCCAATCCAGCCCTTCT 27972

QY 2006 TCCCCAGGCTCCCTGCTGCTGCTGAGAGGTGTGGTGCCTGTTGACCTACCTGGAC 2065  
DB 27973 TCCCCAGGCTCCCTGCTGCTGAGAGGTGTGGTGCCTGTTGACCTACCTGGAC 28032

QY 2066 CGAGTGGACACGACCTCTGTCATTTAAACCCGGCTGACTCAGTGCAGGAGACAGCCGCA 2125  
DB 28033 CGAGTGGACACGACCTCTGTCATTTAAACCCGGCTGACTCAGTGCAGGAGACAGCCGCA 28092

QY 2126 CAGTGTCCAGGTCAGCCCTCGCCAGCCCTGTTCCGCTCACTGGGTGGCCCTGGC 2185  
DB 28093 CAGTGTCCAGGTCAGCCCTCGCCAGCCCTGTTCCGCTCACTGGGTGGCCCTGGC 28152

QY 2186 TTCTGGACAGGACCACTGTGGSCCGGGTGTGGAATCACCGGAACGCCGCCGCC 2245  
DB 28153 TTCTGGACAGGACCACTGTGGSCCGGGTGTGGAATCACCGGAACGCCGCCGCC 28212

QY 2246 GCCCCGCTGCTCCCGGTGTGCAGCGGTGCGGGTGCCTTTAAACATTTCCCTGCTGAGT 2305  
DB 28213 GCCCCGCTGCTCCCGGTGTGCAGCGGTGCGGGTGCCTTTAAACATTTCCCTGCTGAGT 28272

QY 2306 GGCTCGTGTTCAGTGGGGGCTTCCCTGCGACGAGGAGCAGCAGGCAATTTAGCTA 2365  
DB 28273 GGCTCGTGTTCAGTGGGGGCTTCCCTGCGACGAGGAGCAGCAGGCAATTTAGCTA 28332

QY 2366 GTTAGAGACTCGCTGGGAAATGCTCATTTCTGAGTAAACAGATATTTTCGCCACCT 2425  
DB 28333 GTTAGAGACTCGCTGGGAAATGCTCATTTCTGAGTAAACAGATATTTTCGCCACCT 28392

QY 2426 AAGGGAGCCCTGACAACTATATCAACAAAGACGAGGCGGCAAGATCCAGCGGGG 2485

## RESULT 5

US-10-029-386-12070  
; Sequence 12070, Application US/10029386  
; Publication No. US20030194704A1  
; GENERAL INFORMATION:  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR GI  
; FILE REFERENCE: ABOICA-X-2  
; CURRENT APPLICATION NUMBER: US/10/029,386  
; CURRENT FILING DATE: 2001-12-20  
; NUMBER OF SEQ ID NOS: 34288  
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1  
; SEQ ID NO 12070  
; LENGTH: 595  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: MAP TO CHR9.3  
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 5.1  
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2  
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.2  
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 3.5  
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 5.1  
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.49  
; OTHER INFORMATION: SWISSPROT HIT: P09172, EVALUE 4.00e-43  
; OTHER INFORMATION: NT HIT: X13257.1, EVALUE 0.00e+00  
; OTHER INFORMATION: EST\_HUMAN HIT: BE382676.1, EVALUE 0.00e+00  
US-10-029-386-12070

Query Match 12.1%; Score 328.4; DB 12; Length 595;  
Best Local Similarity 99.7%; Pred. No. 3.2e-79;  
Matches 329; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TCAGTCGCTGGGCGAGCCTGCCCGGCCCCAGCATGCGGAGGAGCAGCTTCATGACAGCA 60  
DB 178 TCAGTCGCTGGGCGAGCCTGCCCGGCCCCAGCATGCGGAGGAGCAGCTTCATGACAGCA 237

QY 61 CAGCAGTGGCATTTCTCTGTGTCATCTGTGGCCGACATGACGGGCTGGCTCCCGGTG 120  
DB 238 CAGCAGTGGCATTTCTCTGTGTCATCTGTGGCCGACATGACGGGCTGGCTCCCGGTG 297

QY 121 AGAGCCCCCTCCCTATCATATCCCCCTGGACCCGAGGGGTCCCTGGAGCTCTCATGGA 180  
DB 298 AGAGCCCCCTCCCTATCATATCCCCCTGGACCCGAGGGGTCCCTGGAGCTCTCATGGA 357

QY 181 ATGTCAGCTACACCCAGGAGGCCATCCATTTCCAGCTCTCTGTGCGGAGGCTCAAGGCTG 240  
DB 358 ATGTCAGCTACACCCAGGAGGCCATCCATTTCCAGCTCTCTGTGCGGAGGCTCAAGGCTG 417

QY 241 GGCTCTGTGTTGGGATGTCGACCGGTGGCGAGCTTGAGAACGAGATCTCGTGGTCTCT 300



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; TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 10900
; LENGTH: 567
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC000404.1
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.63
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.2
; OTHER INFORMATION: NT HIT: X13259.1, EVALUE 0.00e+00
; OTHER INFORMATION: SWISSPROT HIT: P09172, EVALUE 1.00e-46
; OTHER INFORMATION: EST_HUMAN HIT: AL514764.1, EVALUE 0.00e+00
; US-10-029-386--10900

Query Match          9.5%; Score 258.4; DB 12; Length 567;
Best Local Similarity 99.6%; Pred. No. 3.6e-60;
Matches 259; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 475 AAGACGGCACTGCCACTTGGTCTACGGGATCTCTGAGGAGCGCTTCCGGTCACTGGAGG 534
Db 541 AGGACGGCACTGCCACTTGGTCTACGGGATCTCTGAGGAGCGCTTCCGGTCACTGGAGG 482
Qy 535 CCATCAACGGCTCGGGCTTCAGATGGGCTGCAGAGGGTGCAGCTTCTGAAAGCCCAATA 594
Db 481 CCATCAACGGCTCGGGCTTCAGATGGGCTGCAGAGGGTGCAGCTTCTGAAAGCCCAATA 422
Qy 595 TCCCGGAACCGGAGTTGCCCTCGAGCGTGCAGACCATGGAGGTCCTCAAGCTCCCAATATCC 654
Db 421 TCCCGGAACCGGAGTTGCCCTCGAGCGTGCAGACCATGGAGGTCCTCAAGCTCCCAATATCC 362
Qy 655 AGATCCCGACCCAGGAGACACGCTACTGTGTCTACATTAAAGGAGCTTCCAAAGGGCTTCT 714
Db 361 AGATCCCGACCCAGGAGACACGCTACTGTGTCTACATTAAAGGAGCTTCCAAAGGGCTTCT 302
Qy 715 CTCGGCACCATTTATCAAG 734
Db 301 CTCGGCACCATTTATCAAG 282

RESULT 8
US-10-029-386-24603/c
; Sequence 24603, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 24603
; LENGTH: 258
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC000404.1
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.63
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.2
; OTHER INFORMATION: SWISSPROT HIT: P09172, EVALUE 9.00e-47
; OTHER INFORMATION: NT HIT: X13256.1, EVALUE 0.00e+00
; OTHER INFORMATION: EST_HUMAN HIT: AL514764.1, EVALUE 0.00e+00
; US-10-029-386-24603

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Query Match  
Best Local Similarity 9.5%; Score 258; DB 12; Length 258;  
Matches 258; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 477 GACGGCACTGCTCCACTTGGTCTACGGGATCTCTGAGGAGCGCTTCCGGTCACTGGAGGCC 536  
DB 258 GACGGCACTGCTCCACTTGGTCTACGGGATCTCTGAGGAGCGCTTCCGGTCACTGGAGGCC 199  
QY 537 ATCAACGGCTCGGGCCCTGCAGATGGGCTGCAGAGGGTGCAGCTCTGAAGCCCAATATC 596  
DB 198 ATCAACGGCTCGGGCCCTGCAGATGGGCTGCAGAGGGTGCAGCTCTGAAGCCCAATATC 139  
QY 597 CCGAAACCGGAGTTGCCCTCAGACGGCTGCAGAGGGTGCAGCTCTGAAGCCCAATATC 656  
DB 138 CCGAAACCGGAGTTGCCCTCAGACGGCTGCAGAGGGTGCAGCTCTGAAGCCCAATATC 79  
QY 657 ATCCCCAGCAGGAGCCACGTAAGGAGCTTCCAAAGGCTTCTCT 716  
DB 78 ATCCCCAGCAGGAGCCACGTAAGGAGCTTCCAAAGGCTTCTCT 19  
QY 717 CGGCACCACATATCAAG 734  
DB 18 CGGCACCACATATCAAG 1

RESULT 9  
US-10-311-455-2270/c  
; Sequence 2270, Application US/10311455  
; Publication No. US20030143606A1  
; GENERAL INFORMATION:  
; APPLICANT: OLEK, Alexander  
; APPLICANT: PIEPENBROCK, Christian  
; TITLE OF INVENTION: Diagnosis of Diseases Associated with the Immune System by Determining Cytosine Methylation  
; FILE REFERENCE: 5013.1014  
; CURRENT APPLICATION NUMBER: US/10/311,455  
; PRIOR FILING DATE: 2002-12-16  
; PRIOR APPLICATION NUMBER: PCT/EP01/07537  
; PRIOR FILING DATE: 2001-07-02  
; PRIOR APPLICATION NUMBER: DE 10032529.7  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: DE 10043826.1  
; PRIOR FILING DATE: 2000-09-01  
; NUMBER OF SEQ ID NOS: 2424  
; SEQ ID NO 2270  
; LENGTH: 2037  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)

Query Match  
Best Local Similarity 7.1%; Score 193; DB 12; Length 2037;  
Matches 244; Conservative 0; Mismatches 85; Indels 0; Gaps 0;

QY 1 TCAGTCTGCTGGCCAGCTGCTGGTGCATCTCTGTCGCGCCAGCATGCGGAGGAGGCTTTCATGTACAGCA 60  
DB 338 TCAATCGCTAAACCAACCTTCCCTAACTCCTTAATACCGCACTACAAACCTTTCATATACAACA 279  
QY 61 CAGAGTGGCCATCTTCTGCTGCATCTCTGTCGCGCCAGCATGCGGAGGAGGCTTTCATGTACAGCA 279  
DB 278 CAACAATAACCACTTCTTCCCTAACTCCTTAATACCGCACTACAAACCTTTCATATACAACA 120  
QY 121 AGAGCCCCCTCCCTATCACTCCCTGCAGCTGCGGAGGAGGCTTTCATGTACAGCA 180  
DB 218 AAAACCCCCCTCCCTATCACTCCCTGCAGCTGCGGAGGAGGCTTTCATGTACAGCA 159  
QY 181 ATGTAGCTACACCCAGGAGGAGGCTTTCATGTACAGCTGCGGAGGAGGCTTTCATGTACAGCA 240  
DB 158 ATATCAACTACACCCAGGAGGAGGCTTTCATGTACAGCTGCGGAGGAGGCTTTCATGTACAGCA 99

Query Match  
Best Local Similarity 6.6%; Score 179.6; DB 12; Length 2037;  
Matches 236; Conservative 0; Mismatches 94; Indels 0; Gaps 0;

QY 1 TCAGTCTGCTGGCCAGCTGCTGGTGCATCTCTGTCGCGCCAGCATGCGGAGGAGGCTTTCATGTACAGCA 60  
DB 1700 TTAGTCTGCTGGGTTAGTTTGTTCGTTTATAGTATGCGGAGGAGGCTTTCATGTACAGTA 1759  
QY 61 CAGAGTGGCCATCTTCTGCTGCATCTCTGTCGCGCCAGCATGCGGAGGAGGCTTTCATGTACAGTA 120  
DB 1760 TAGTAGTGGTTATTTTGTGTTATTTTGTGTTATTTGTTAGGTTTCGTTTTCGTTG 1819  
QY 121 AGAGCCCCCTCCCTATCACTCCCTGCAGCTGCGGAGGAGGCTTTCATGTACAGTA 180  
DB 1820 AGAGTTTTCCTTATATATTTTTCGATTTTCGAGGAGGCTTTCATGTACAGTA 1879  
QY 181 ATGTAGCTACACCCAGGAGGAGGCTTTCATGTACAGCTGCGGAGGAGGCTTTCATGTACAGTA 240  
DB 1880 ATGTAGTATATATTTAGGAGGTTATTTTATTTTATTTTTCGTTTTCGTTTTCGTTG 1939  
QY 241 GCGTCTGTTTGGAGTGTCCGAGGAGGAGGCTTTCATGTACAGCTGCGGAGGAGGCTTTCATGTACAGTA 300  
DB 1940 GCGTTTGTGGAGTGTTCGATCGTGGCGAGTTTTCGAGTTCGAGTTCGTTTTCGTTTTCGTTT 1999  
QY 301 GGACCGATGGGACACTGCTATTTTTCGG 330  
DB 2000 GGATCGATGGGATATTTTATTTTCGG 2029

RESULT 11  
US-10-027-632-125683  
; Sequence 125683, Application US/10027632  
; Publication No. US20030204075A9  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.

QY 241 GCGTCTGTTTGGAGTGTCCGACCGTGGCGAGCTTTCGAGAACGAGATCTCGTGGTCTCT 300  
DB 98 ACGTCTTATTTAAATAATACGACCGTAACGAACTTAAACGCAATCTCGTAATACTCT 39  
QY 301 GGACCGATGGGACACTGCTATTTTTCGG 329  
DB 38 AAACCGATAAACACTACCTATTTTACG 10

RESULT 10  
US-10-311-455-2269  
; Sequence 2269, Application US/10311455  
; Publication No. US20030143606A1  
; GENERAL INFORMATION:  
; APPLICANT: OLEK, Alexander  
; APPLICANT: PIEPENBROCK, Christian  
; TITLE OF INVENTION: Diagnosis of Diseases Associated with the Immune System by Determining Cytosine Methylation  
; FILE REFERENCE: 5013.1014  
; CURRENT APPLICATION NUMBER: US/10/311,455  
; PRIOR FILING DATE: 2002-12-16  
; PRIOR APPLICATION NUMBER: PCT/EP01/07537  
; PRIOR FILING DATE: 2001-07-02  
; PRIOR APPLICATION NUMBER: DE 10032529.7  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: DE 10043826.1  
; PRIOR FILING DATE: 2000-09-01  
; NUMBER OF SEQ ID NOS: 2424  
; SEQ ID NO 2269  
; LENGTH: 2037  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)

Query Match  
Best Local Similarity 71.5%; Pred. No. 1.4e-38;  
Matches 236; Conservative 0; Mismatches 94; Indels 0; Gaps 0;

QY 1 TCAGTCTGCTGGCCAGCTGCTGGTGCATCTCTGTCGCGCCAGCATGCGGAGGAGGCTTTCATGTACAGCA 60  
DB 1700 TTAGTCTGCTGGGTTAGTTTGTTCGTTTATAGTATGCGGAGGAGGCTTTCATGTACAGTA 1759  
QY 61 CAGAGTGGCCATCTTCTGCTGCATCTCTGTCGCGCCAGCATGCGGAGGAGGCTTTCATGTACAGTA 120  
DB 1760 TAGTAGTGGTTATTTTGTGTTATTTTGTGTTATTTGTTAGGTTTCGTTTTCGTTG 1819  
QY 121 AGAGCCCCCTCCCTATCACTCCCTGCAGCTGCGGAGGAGGCTTTCATGTACAGTA 180  
DB 1820 AGAGTTTTCCTTATATATTTTTCGATTTTCGAGGAGGCTTTCATGTACAGTA 1879  
QY 181 ATGTAGCTACACCCAGGAGGAGGCTTTCATGTACAGCTGCGGAGGAGGCTTTCATGTACAGTA 240  
DB 1880 ATGTAGTATATATTTAGGAGGTTATTTTATTTTATTTTTCGTTTTCGTTTTCGTTG 1939  
QY 241 GCGTCTGTTTGGAGTGTCCGAGGAGGAGGCTTTCATGTACAGCTGCGGAGGAGGCTTTCATGTACAGTA 300  
DB 1940 GCGTTTGTGGAGTGTTCGATCGTGGCGAGTTTTCGAGTTCGAGTTCGTTTTCGTTTTCGTTT 1999  
QY 301 GGACCGATGGGACACTGCTATTTTTCGG 330  
DB 2000 GGATCGATGGGATATTTTATTTTCGG 2029

RESULT 11  
US-10-027-632-125683  
; Sequence 125683, Application US/10027632  
; Publication No. US20030204075A9  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.



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; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 125683
; LENGTH: 739
; TYPE: DNA
; ORGANISM: Human
; ORGANISM: Human
US-10-027-632-125683

Query Match          5.5%; Score 150.4; DB 12; Length 739;
Best Local Similarity 96.2%; Pred. No. 9.7e-31;
Matches 154; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 1173 ACCAGCTGGCAGTCTCCCTCCGGGATCCACATCTTCGCTCTCAGCTCCACACAC 1232
Db 464 ACCCCACAGGCACTGCTCCCTCCGGGATCCACATCTTCGCTCTCAGCTCCACACAC 523

Qy 1233 CTGACTGGGAGAAAGGTGGTCCAGTCTGGTCCGGACCGCCGGAGTGGGAGATCGTG 1292
Db 524 CTGACTGGGAGAAAGGTGGTCCAGTCTGGTCCGGACCGCCGGAGTGGGAGATCGTG 583

Qy 1293 AACGAGGACAATCACTACAGCCCTCACTTCCAGGAGATCC 1332
Db 584 AACGAGGACAATCACTACAGCCCTCACTTCCAGGTAACC 623

RESULT 12
US-10-027-632-125683
; Sequence 125683, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 125683
; LENGTH: 739
; TYPE: DNA
; ORGANISM: Human
; ORGANISM: Human
US-10-027-632-125683

Query Match          5.5%; Score 150.4; DB 12; Length 739;
Best Local Similarity 96.2%; Pred. No. 9.7e-31;
Matches 154; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 1173 ACCAGCTGGCAGTCTCCCTCCGGGATCCACATCTTCGCTCTCAGCTCCACACAC 1232
Db 464 ACCCCACAGGCACTGCTCCCTCCGGGATCCACATCTTCGCTCTCAGCTCCACACAC 523

Qy 1233 CTGACTGGGAGAAAGGTGGTCCAGTCTGGTCCGGACCGCCGGAGTGGGAGATCGTG 1292
Db 524 CTGACTGGGAGAAAGGTGGTCCAGTCTGGTCCGGACCGCCGGAGTGGGAGATCGTG 583

Qy 1293 AACGAGGACAATCACTACAGCCCTCACTTCCAGGAGATCC 1332
Db 584 AACGAGGACAATCACTACAGCCCTCACTTCCAGGTAACC 623

RESULT 13
US-10-137-870-189
; Sequence 189, Application US/10137870
; Publication No. US20030138883A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C155
; CURRENT APPLICATION NUMBER: US/10/137,870
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 189
; LENGTH: 2150
; TYPE: DNA
; ORGANISM: Homo Sapien
; ORGANISM: Homo Sapien
US-10-137-870-189

Query Match          5.4%; Score 146.8; DB 12; Length 2150;
Best Local Similarity 47.3%; Pred. No. 1.2e-29;
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

Qy 187 GCTACACCCAGGAGGCCATTCATTTCCAGTCTCTGGTGGGAGGCTCAAGGCTGGCGTCC 246
Db 119 GCTGAGGACGAGCGGGGCGAGATCGCTTCCGCTCCAGGTGCGCACTGCAGGCTACG 178

Qy 247 TG---TTTGGGATGTCGGACCGTGGCGAGCTTGAGAACGACGATCTCGTGTCTCTGGA 303
Db 179 TGGGCTTCGGCTTCTCGCCACCGGGGCCATGCGCTCCGCGGACATCGTCTGGGCGGG 238

Qy 304 CCGATGGGACACTGCTATTATTTGGCGACGCTTGGAGTACCAGAGGGGSCAGATCCACC 363
Db 239 TGGCCACCGGGGCGGCTTACCTCCAGGATTTATTCAATATGCAATAGAGAGTTGAAA 298

Qy 364 TGGATCCCGAGCAGGAGTACTACAGTCTCTGAGGTGCGAGGAGCCCGAGGCGCTGACCC 423
Db 364 TGGATCCCGAGCAGGAGTACTACAGTCTCTGAGGTGCGAGGAGCCCGAGGCGCTGACCC 423
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; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 125683
; LENGTH: 739
; TYPE: DNA
; ORGANISM: Human
; ORGANISM: Human
US-10-027-632-125683

Query Match          5.5%; Score 150.4; DB 12; Length 739;
Best Local Similarity 96.2%; Pred. No. 9.7e-31;
Matches 154; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 1173 ACCAGCTGGCAGTCTCCCTCCGGGATCCACATCTTCGCTCTCAGCTCCACACAC 1232
Db 464 ACCCCACAGGCACTGCTCCCTCCGGGATCCACATCTTCGCTCTCAGCTCCACACAC 523

Qy 1233 CTGACTGGGAGAAAGGTGGTCCAGTCTGGTCCGGACCGCCGGAGTGGGAGATCGTG 1292
Db 524 CTGACTGGGAGAAAGGTGGTCCAGTCTGGTCCGGACCGCCGGAGTGGGAGATCGTG 583

Qy 1293 AACGAGGACAATCACTACAGCCCTCACTTCCAGGAGATCC 1332
Db 584 AACGAGGACAATCACTACAGCCCTCACTTCCAGGTAACC 623

RESULT 12
US-10-027-632-125683
; Sequence 125683, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 125683
; LENGTH: 739
; TYPE: DNA
; ORGANISM: Human
; ORGANISM: Human
US-10-027-632-125683

Query Match          5.5%; Score 150.4; DB 12; Length 739;
Best Local Similarity 96.2%; Pred. No. 9.7e-31;
Matches 154; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 1173 ACCAGCTGGCAGTCTCCCTCCGGGATCCACATCTTCGCTCTCAGCTCCACACAC 1232
Db 464 ACCCCACAGGCACTGCTCCCTCCGGGATCCACATCTTCGCTCTCAGCTCCACACAC 523

Qy 1233 CTGACTGGGAGAAAGGTGGTCCAGTCTGGTCCGGACCGCCGGAGTGGGAGATCGTG 1292
Db 524 CTGACTGGGAGAAAGGTGGTCCAGTCTGGTCCGGACCGCCGGAGTGGGAGATCGTG 583

Qy 1293 AACGAGGACAATCACTACAGCCCTCACTTCCAGGAGATCC 1332
Db 584 AACGAGGACAATCACTACAGCCCTCACTTCCAGGTAACC 623

RESULT 13
US-10-027-632-125683
; Sequence 125683, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 125683
; LENGTH: 739
; TYPE: DNA
; ORGANISM: Human
; ORGANISM: Human
US-10-027-632-125683
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Db 299 AAGATGCTCAGCAAGATTACATCTAGAAATATGCCATGGAAATAGCACACACATAA 358  
 QY 424 TGCTTTTCAAGAGCCCTTTGGCACCTTGGACATGCAATGAGGATTAACCTCATTTGAAGAGCGCA 483  
 Db 359 TTGAATTTCCAGAGAGCTGCATACATGTGACATAAATGACAGAGTATTAACGGATAGCA 418  
 QY 484 CTGTCCACTTTGTCTACGGGATCCTGGAGAGCGGTTCCGGTCACTGGAGGCCATCAAG 543  
 Db 419 CTGTGAGAGTGATCTCGGCTACCCATCAAGATGAGAGTGAAGTGGTCCCAAGTACC 478  
 QY 544 GCTCGGGCTGCAGATGGGGTGCAGAGGTGCAGCTCTGAAGCCCAATATCCCCGAAC 603  
 Db 479 ---ATGACTCCAATAGGGGCAACAAGAGTTTCGGGTTATTGAATCCTGAGAAAC---TA 532  
 QY 604 CGAGTTCGCTCAGACGGTGCACATGAGGTCCAAAGTCTTCCAAAGGGCTTCTCTCGGCACC 723  
 Db 533 GTGTGCTATCTACAGCCTTACCATCTTGTGATCTGGTAAATCAGAGCTGCCCATCCCAA 592  
 QY 664 GCCAGAGACCACTGATCTGGTCTACATTAAGGAGCTTCCAAAGGGCTTCTCTCGGCACC 723  
 Db 593 ACAAGATACAAATATGGTCCCAATGTTTAAAGTTCTGTGTTCAAGAAAGCATC 652  
 QY 724 ACATATCAAGTACAGGCCATCTGTCACCAAGGCAATGAGGCCCTTGTCCACACATGG 783  
 Db 653 ATGTAATAAGTTGAGCGAGTACACAGAGGCCATGAGAGTCTGGTGACCACATCC 712  
 QY 784 AAGTCTTCCAGTGCAGCCCGCA---GATGGACAGGCTCCCAAGTCTTCCAAAGGGCTTCTCTCGGCACC 840  
 Db 713 TGCTCTATCAGTGCAGCAACAATTTACGACAGGTTCTGAGTCTGGGCAAGTGTCT 772  
 QY 841 ACTCCAAAGTAAACCGACCGCTCACTAATCTGCGGCCAGCTGTCGCGCCCTTGGGCC 900  
 Db 773 ATCAACCAAGTGCAGCGGATCTCTCACTGTGAAACTGTGATTTTTCGCTGGGCTA 832  
 QY 901 TGGTGCACCAAGCATTTTACTACAGAGGAGCGGCTTGCCTTGGGGGTTCCAGGT 960  
 Db 833 TTGGTGGAGAGGCTTTCTTATCACTCATGTTGATTTATCCCTTGGCAGCTCCATAG 892  
 QY 961 CCTCAGATATCTCGCTCGAAGTTCACTACCAACCACTGTTGATAGAGGACGAA 1020  
 Db 893 ATCCGCATTATGTGCTCTAGAGTCCATTATGATATATCCACTTATGAGAGGCTTAA 952  
 QY 1021 ACAGTCTCTCAGGATCGCTTGTACTACAGCAAGCTTGGCGGCTTCAAGCGGGGA 1080  
 Db 953 TAGATAATCTGAGTCTGAGGTTATTTACACAATGAGATATAGGAAATATGATGCTGGGG 1012  
 QY 1081 TCATGAGAGTGGAGTGTGTATACGCGCAGTGTGGCCATTCCACAGGGAGACCGCT 1140  
 Db 1013 TGATTGAGGCTGGCTCTGGGTGAGCTCTTCCATACCATCCCTCAGGGATGCTGAGT 1072  
 QY 1141 TCATCCTCACTGGCTACTGACAGGACAAAGTGACACCAAGTGGCACTG-----CCTC 1191  
 Db 1073 TCCAGTCTGAGGCTCACTGCACTTTGGAGTGCCTGGAAGAGGCTCTGGAAGCGGAAAGC 1132  
 QY 1192 CCTCCGGATCCACATCTTCGCTCTCAGCTCCACACACAGCTGCTGGGAGAAAGTGG 1251  
 Db 1133 CAAGTGAATTCATGTGTTTCTGTTCTTCCATGCTCCTCAGGGTGGCAGGACATCA 1192  
 QY 1252 TCAGAGTGTGCTCGGGAGCGGGAGTGGAGATCGTGAACACAGGACAAATCACTACA 1311  
 Db 1193 GGCTGCTCATTTTCGAAAGGGAAGAAATGAATTAATTCCTATGATGATTTG 1252  
 QY 1312 GCCTCACTTCCAGGAGATCCGATGTTGAAGAGGTCTGTGCTGCTCCATCCGGAGATG 1371  
 Db 1253 ACTTCAATTTCCAGAGTTCAGTATCTAAAGGAAGAAACAAATCTTTACAGAGATA 1312  
 QY 1372 TGCTCATCTCTCTGCACTGACACACAGGAAGACCGGGAGCTGGCCACAGTGGGGGCT 1431  
 Db 1313 ACCTAATTAAGTGTGCTACACACAGGAAGATAGAGTCTGAGTCTGAGAGGAGAC 1372  
 QY 1432 TCGGGATCTGGAGAGATGTGTGCACTACGTGCACTATACCC 1477  
 Db 1373 TAAGCACAGGAGTGAATGTGTCTCTCATACCTCTTTTATTACCC 1418

RESULT 14  
 US-10-140-018-189  
 ; Sequence 189, Application US/10140018  
 ; Publication No. US2003013885A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Beresini, Maureen  
 ; APPLICANT: DeForge, Laura  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Flivaroff, Ellen  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K  
 ; APPLICANT: Wood, William  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3330RIC158  
 ; CURRENT APPLICATION NUMBER: US/10/140,018  
 ; Prior Application removed - See Palm or File Wrapper  
 ; NUMBER OF SEQ ID NOS: 550  
 ; SEQ ID NO 189  
 ; LENGTH: 2150  
 ; TYPE: DNA  
 ; ORGANISM: Homo Sapien  
 US-10-140-018-189

Query Match 5.4%; Score 146.8; DB 12; Length 2150;  
 Best Local Similarity 47.3%; Pred. No. 1.2e-29;  
 Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;  
 QY 187 GCTACACCAGAGAGCCATCCATTTCCAGCTCTCTGGTGGGAGGCTCAAGCGTGGCGTCC 246  
 Db 119 GCTGAGCGACGCGGGGAGCAGATCCCTTCGCCCTCCAGGTGCGCAGCTGCGAGGTACG 178  
 QY 247 TG----TTTGGATGTCGACCGTGGCGAGCTTGAGAACGAGATCTCGTGGTGTCTTGGGA 303  
 Db 179 TGGCTTTGGGCTTCTCGCCACCGGGGCCATGGCGTCCCGCATCGTCTGGGGGGG 238  
 QY 304 CCGATGGGGACACTGCTTATTTTGGGACCGCTGGAGTGACAGAGGGGCGATCCACC 363  
 Db 239 TGGCCACGCGGGCGCTTACTCTCAGGATTTATTTTACAAATGCAATAGAGAGTTGAAAA 298  
 QY 364 TGGATCCCCAGCAGGACTACAGCTGTCGAGGTGCGAGAGGACCCAGAGAGGCTGACCC 423  
 Db 299 AAGATGCTCAGCAAGATTACCATCTAGATATGCCATGGAATAGCACACACATATA 358  
 QY 424 TGCTTTTCAAGAGCCCTTTGGGACCTTGGGACCTGCGACCCCAAGGATTTACCTCATTTGAAGACGGA 483  
 Db 359 TTGAATTTCCAGAGAGCTGCATACATGTGACATNAATGACAGAGTATATAACGGATAGCA 418  
 QY 484 CTGTCCACTTTGTCTACGGGATCCTGGAGAGCGGTTCCGGTCACTGGAGGGCCATCAACG 543  
 Db 419 CTGTGAGAGTGATCTGGGCTTACCATCTAGAGTGCAGAGAGGCTGGTCCCAAGTACC 478  
 QY 544 GCTCGGGCTGCAGATGGGGTGCAGAGGTGCAGCTCTGAAGCCCAATATCCCCGAAC 603  
 Db 479 ---ATGACTCCAATAGGGGCAACAAGAGTTTCGGGTTATTGAATCTTGAGAAAC---TA 532  
 QY 604 CGAGTTCGCTCAGACGGTGCACCATGAGGTCCAGCTCCCAATATCCAGATCCCCA 663  
 Db 533 GTGTGCTATCTACAGCCTTACCATTCTTGTATCTGGTAAATCAGGACGTTCCCTCCCAA 592

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Qy 664 GCCAGGAGACCAAGTACTGGTCTACATTAAGGAGCTTCCAAAGGGCTTCTCTCGGACCC 723
Db 593 ACAAGAGTACAAATATTTGGTCCAAATGTTTAAAGATTCTGTCTTCCAGAAAGCATC 652
Qy 724 ACATTATCAAGTACGAGCCCATCTGCACCAAGGCAATGAGCCCTTGTCCACACATGG 783
Db 653 ATGTAATAAGGTTGAGCCAGTGATACAGAGAGCCATGAGAGTCTGTGTCCACACATCC 712
Qy 784 AAGTCTTCCAGTGGCCCCCGA---GATGGACAGCGTCCCCCACTTCAGCGGGCCCTGGC 840
Db 713 TGCTCTATCAGTCAGCAACAACATTTAACGACAGGTTCTGAGTCCGGCCACAGTGCT 772
Qy 841 ACTCAAGATGAACCGACCGCTCAACTACTGCGCCAGCTGCTGCGCCCTTGGGCC 900
Db 773 ATCAACCCCAACATGCCCGATGCAATCTCTCACTGTGAACCTGTGATTTTTCCTGGGCTA 832
Qy 901 TGGGTGCCAAGCATTTTACTACCCAGAGGAGCGGCTTGCCTTCGGGGTCCAGGGT 960
Db 833 TTGTGGAGAGGGCTTTCTTATCCACTCACTCACTCACTCACTCACTCACTCACTCACTCACT 892
Qy 961 CCTCCAGATATCTCCGCTGGAAGTTCACTACCAACAACCCCACTGGTGATGAAGAGCAAA 1020
Db 893 ATCCGCATTATGCTCTCTAGAGTCCATTTATGATATCCCACTTATGAGAGGCTTAA 952
Qy 1021 ACAGACTCTCAGGATCCGCTTGTAACAGCAAGCTGCGGCTTCAACCGGGGA 1080
Db 953 TAGATAATTCGGAAGTGAAGTTATTTTACAAATGATATAAGGAATATGATCTGGGG 1012
Qy 1081 TCATGAGCTGGGAGTGTACAGCCAGTATGGCCATTCACACAGGAGACCGCT 1140
Db 1013 TGATTGAGGCTGGGCTCTGGGTGAGGCTCTTCCATACCATCCCTCCAGGGATGCTGAGT 1072
Qy 1141 TCATCTCTCACTGGCTACTGACGAGCAAGTGCCACCCAGCTGGCACTG-----CCTC 1191
Db 1073 TCCAGTCTGAGGTCATGCACTTTGGAGTGCTTGGAGAGGCTCTGGAAGCCGAAAGC 1132
Qy 1192 CTTCCGGGATCCACATCTTGGCTCTCAGTCTCCACACACACCTGAGTGGGAGAGGTGG 1251
Db 1133 CAAGTGAATTCATGTGTGTGTCTCTCTCCATGTCTCACCTGGCTGGCAGAGGCATCA 1192
Qy 1252 TCACAGTGTCTGGTCCGGGAGCGGCGGAGTGGGAGATCGTGAACACAGACATCACTACA 1311
Db 1193 GGCTGCTCATTTTCGAAAGGGAAGGAATGAATTAATTAATGATGATGATTTG 1252
Qy 1312 GCCCTCACTTCCAGGAGATCGCATGTTGAAGAAGTCTGTGCGTCCATCCGGGAGATG 1371
Db 1253 ACTTCATTTCCAGAGTTTCAGTATCTAAAGGAAGAACAAACATCTTACCAGAGATA 1312
Qy 1372 TGCTCATCACTCTCTGACCGTACACACGGAAGACCGGAGCTGGCCACAGTGGGGGGCT 1431
Db 1313 ACCTAATTACTGAGTGTGCTTACAAACAGAAAGATAGAGCTGAGATGATGATGAGGAGAC 1372
Qy 1432 TCGGGATCCTGGAGGAGATGTGTGTAACCTACACTAGTGTGACTACTACC 1477
Db 1373 TAAGCACAGGAGTGAATGTGTCTCTCATACCTTTTATTATACC 1418
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## RESULT 15

US-10-140-021-189

; Sequence 189, Application US/10140021

; Publication No. US2003013886A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

```
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C167
; CURRENT APPLICATION NUMBER: US/10/140,021
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 189
; LENGTH: 2150
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-021-189
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Query Match 5.4%; Score 146.8; DB 12; Length 2150;  
Best Local Similarity 47.3%; Pred. No. 1.2e-29;  
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

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Qy 187 GCTACACCCAGGAGGCGCATTCATTTCCAGCTCTCTGTGCGGAGGCTCAAGGCTCGGCTCC 246
Db 119 GCTGGAGCCAGCGGGCAGCAGATCGCTTCCGCTCCAGGTCGCACATCGAGGCTACG 178
Qy 247 TG---TTTGGGATGTCGACCGTGGCGAGCTTGAGACGCGAGATCTCGTGGTCTCTGGA 303
Db 179 TGGGCTTCGGCTTCTGCGCCACCGGGGCCATGCGCTCCGCGCATCGTCTGGGCGGG 238
Qy 304 CCGATGGGGAACACTGCTCTATTTTGGCGAGCGCTTGGAGTGACCAAGGGGCGAGATCCACC 363
Db 239 TGCCCCACGGGCGGCTTACTCCAGGATTTATTACAATGCAAAATAGAGAGTTGAAA 298
Qy 364 TGGATCCCCAGCAGGACTACGAGTCTGCGAGTGCAGAGAGACCCAGAGGCTCTGACCC 423
Db 299 AAGATGCTCAGCAAGATTACCATCTAGATATGCCATGGAATAATGACACACACAATAA 358
Qy 424 TGCTTTTCAAGAGGCCCTTTGGCACCTTGGACCGCTGCACCCAGGATTTACCTATTGAAGACGCA 483
Db 359 TTGAATTTACAGAGAGCTGCATACATGTGACATAAATGCAAGAGTATAACGGATAGCA 418
Qy 484 CTGTCCACTTGGTCTACGGGATCTCGAGGAGCGGTTCCGCTCACTGGAGGCCATCAACG 543
Db 419 CTGTGAGAGTGTCTGGGCTTACCACTGAAGATGAGAGAGCTGGTCCCAGTACC 478
Qy 544 GCTCGGGCTTGCAGATGGGCTGCAGAGGTGCAAGTCTCTGAAGCCCAATATCCCCGAAC 603
Db 479 ---ATGACTCCAATAGGGCACAAGAGTTTGGGTTATTGAACTCTGAGAAAAC---TA 532
Qy 604 CGAGTTGCCCTCAGACCGCTGCACCATGAGGTCCTCAAGCTCCCAATATCCAGATCCCA 663
Db 533 GTGTGCTATCTACAGGCTTACCATACTTGTGTAATTCAGGAGCTGCCCATCCCA 592
Qy 664 GCAGGAGACACGTAAGGCTTACATTAAGAGCTTCCAAAGGGCTTCTCTCGGACCC 723
Db 593 ACAAGATACAATATTTGGTCCAATGTTTAAGATTCTGTGTTCCAAGAAAGATC 652
Qy 724 ACATTATCAAGTACGAGCCCATCGTCCAAAGGCAATAGAGGCCCTTGTCCACCATAGG 783
Db 653 ATGTAATAAAGTTGAGCCAGTGATACAGAGAGGCCATGAGAGTCTGTGTCACCATCC 712
Qy 784 AAGTCTTCAGTGGCCCCCGA---GATGGACAGGCTCCCGCATCTTCCAGGGGGCTTGG 840
Db 713 TGCTCTATCAGTCAGCAACAACCTTTAAACGACAGCGTCTCTGGAGTCCGGCCACAGTGT 772
Qy 841 ACTCCAAGATGAACCGGCGCTCAACTACTGCGCCACGCTGCTGCGCCCTTGGGCC 900
Db 773 ATCACCCCAACATGCCCGATGCAATCTCTACCTGTGAAACTGTGATTTTTCCTTGGGCTA 832
Qy 901 TGGGTGCCAAGGCAATTTTACTACCCAGAGGAAGCGGCTTGCCTTCGGGGTCCAGGGT 960
```

833 TTGGTGGAGAGGCTTTCTTATCCACCTCATGTTGGATTATCCCTTGGCACTCCATTAG 892  
 961 CCTCCAGATATCTCCGCTCGGAAGTTCTACTACACACCCACTGGTGTATGAGAGCAAA 1020  
 893 ATCCGCAATTATGCTGCTCCAGAGTCCATTATGATAATCCCACTTTATGAGGAAGCTTAA 952  
 1021 ACGACTCTCAGGCATCCGCTTGTTACTACACAGCCAAGCTGGGGCTTTCAACGGGGGA 1080  
 953 TAGATAATTTCTGACTGAGGTATTTTACACATGGATATAGGAAATATGATCTGGGG 1012  
 1081 TCATGGAGCTGGGATGTTGTATACCGCCAGTATGGCCATTCCACCGGAGACCGCCT 1140  
 1013 TGAATTGAGGCTGGCTCTGGGTGAGCCTCTTCCATACCATCCCTCCAGGATGCTGAGT 1072  
 1141 TCATCCTCACTGGCTACTGACGAGCAAGTGCACCCAGCTGGCACTG-----CCTC 1191  
 1073 TCCAGTCTGAGGTCACGCACTTTGGAGTGCCTGGAAAGGCTCTGGAAAGCGAAAGC 1132  
 1192 CCTCCGGATCCACATTTTCGCTCTCAGCTCCACACACCTGACTGGGAGAAAGTGG 1251  
 1133 CAAGTGAATTATGCTGTTGCTTCTTCTCCATGCTCACTGGCTGGCAGAGGCATCA 1192  
 1252 TCACAGTCTGGTCCGGACCGCGGAGTGGAGATGTTGAAACGAGCAATCACTACA 1311  
 1193 GGCTGCGTCATTTTGGAAAGGGAAGGAAATGAAATTTACTTGCCTATGATGATTTTG 1252  
 1312 GCCCTCACTCCAGGAGATCCGATGTTTGAAGAAAGTGGTGGTCCATCCGGAGATG 1371  
 1253 ACTTCAATTTCCAGGAGTTTCAGTATCTAAAGGAAGAACAAACATCTTACAGAGATA 1312  
 1372 TGCTCATCACTCTGCACTGACGACGAGGAGTGGCCACAGTGGGGGGCT 1431  
 1313 ACCTAAATTTACTGAGTGTGCTGACACACGAAAGATAGAGCTGAGATGACTTGGGGAGC 1372  
 1432 TCGGATCTCGAGGAGATGTTGCTCACTAGCTGCTACTACCTTCTTTATTACCC 1477  
 1373 TAAGACAGAGTGAATGTGCTCTCATACCTTCTTTATTACCC 1418

RESULT 16

US-10-140-274-189  
 ; Sequence 189, Application US/10140274  
 ; Publication No. US20030143674A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Beresini, Maureen  
 ; APPLICANT: DeForge, Laura  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K  
 ; APPLICANT: Wood, William  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE OF INVENTION: ACIDS ENCODING THE SAME  
 ; FILE REFERENCE: F3330R1C161  
 ; CURRENT APPLICATION NUMBER: US/10/140, 274  
 ; CURRENT FILING DATE: 2002-05-06  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 550  
 ; SEQ ID NO 189  
 ; LENGTH: 2150  
 ; TYPE: DNA  
 ; ORGANISM: Homo Sapien  
 US-10-140-274-189

Query Match 5.4%; Score 146.8; DB 12; Length 2150;  
 Best Local Similarity 47.3%; Pred. No. 1.2e-29;  
 Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;  
 187 GCTACACCCAGGAGGCGATCCATTTCAGCTCTCTGGTGGGAGGCTCAAGGCTGGCGTCC 246  
 119 GCTGGAGCCAGCGGGGAGCCAGATCGCTTCGCTCCAGGTGGCGACTGCGAGGTACG 178  
 247 TG---TTTGGGATGTCGACCGTGGCGAGCTTGAGAACCCAGATCTCTGCTGCTCTGA 303  
 179 TGGGCTTCTGGCTTCTCGCCACCGGGGCGATGGCGTCCGCCGACATCTGCTGGGGGGG 238  
 304 CGATGGGACACTGCTATTTTGGCGACGCTTGGAGTGCACAGAGGGGCGAGATCCAC 363  
 239 TGGCCACAGGGGGCGCTACCTCCAGGATTAATTTTACAAATGCAATAGAGAGTTGAAA 298  
 364 TGGATCCCGAGGAGGACTACAGCTGCTGCAGGTGCGAGGACCCAGAGGCGCTGACCC 423  
 299 AGATGCTCAGCAAGATTACCATCTAGAAATATGCCATGGAAATAGCACACACAATAA 358  
 424 TGCTTTTCAAGAGGCGCTTTGGCACCTGCGACCCCAAGGATTACCTCATTTGAAGACGCA 483  
 359 TTGAATTTACAGAGAGCTGCATACATGTGACATAAATGACAGAGATTAACGGATAGCA 418  
 484 CTGTCACCTTGGTCTACGGGATCTGGAGAGCGCTTCGGTCACTGGAGGCGCATCAACG 543  
 419 CTGTGAGAGTGTCTGGGCTTACCAACCATGAAGATGCAGGAGAACTGGTCCCAAGTACC 478  
 544 GCTCGGGCTGCAGATGGGGTGCAGAGGGTGCAGCTCTGAAGCCCAATATCCCGAAC 603  
 479 ---ATGACTCCAATAGGGGACCAAGATTTCGGGTATTGAATCTTGAGAAAC---TA 532  
 604 CGAGTTGCCCTCAGACGCGTGCACCATGGAGGTCCTCAAGCTCCCAATATCCAGATCCCA 663  
 533 GTGTGCTATCTACAGCTTACCATACTTTGATCTGTTAAATCAGGACGCTCCCATCCCA 592  
 664 GCAGGAGACCACTGCTGCTACATTAAGGAGCTTCCAAAGGGCTCTCTCGGAC 723  
 593 ACAAAGATAACAATATTGGTGCCAAATGTTTAAAGATTCTCTGTTCCAAGAAAGCATC 652  
 724 ACATTATCAAGTACGAGGCCCATCGTCACAAAGGGCAATGAGGCGCTTCTCCACACATGG 783  
 653 ATGTAATAAGGTTGAGCCAGTGATACAGAGGCGCATGAGAGTCTGGTGACCAATCC 712  
 784 AGTCTTCCAGTGGCGCCCGA---GATGGAAGGCTCCCACTTTCAGCGGGCGCTCGC 840  
 713 TGCTCTATCAGTGCAGCAACAACCTTTAACGACAGCGTTCTGGAGTCCGGCCACGAGTGT 772  
 841 ACTCCAAGATGAACCCGACCGCTCAACTACTCGCGCACGCTGCTGGCGCTGGGGCC 900  
 773 ATCAACCCCAATGCGCCGATGCAATTCCTACCTGTGAATCTGTGATTTTTCCTGGGCTA 832  
 901 TGGTGCCCAAGGCAATTTTACTACCCAGAGGAAGCGGCTTTCCTTCGGGGGTCCAGGT 960  
 833 TTGGTGGAGAGGCTTTTCTTATCCACCTCATGTTGGATTATCCTTGGCACTCCATTAG 892  
 961 CCTCCAGATATCTCGGCTGGAAGTTCTACACCAACCCACTGCTGATAGAGAGCAAA 1020  
 893 ATCCGATTTATGCTCTCTAGAAGTCCATTATGATAATTCACCTTATGAGGAAGGCTTAA 952  
 1021 ACGACTCTCAGGCGATCCGCTTGTACTACACAGCCAAGCTGCGGCGCTTCAACGCGGGGA 1080  
 953 TAGATAATTTCTGGACTGAGGTATTTTACACATGGATATAGGAAATATGATGCTGGGG 1012  
 1081 TCATGGAGCTGGGACTGGGTGACCGGAGTATGGCCATTTCACACCGGAGACCGCCT 1140  
 1013 TGAATTGAGGCTGGCTCTGGGGTGGCCTCTTCCATACCATCCCTCCAGGATGCTGAGT 1072  
 1141 TCATCCTCACTGGCTACTGCAAGGACCAAGTGCACCCAGCTGGCACTG-----CCTC 1191  
 1073 TCCAGTCTGAGGCTCATGTGCATCTTTGAGTGCCTTGGAGAGGCTCTGGAAGCGCAAAAGC 1132

Qy 1192 CCTCGGATCCACATCTTCGCTCTGAGTCCACACACCTGAGTGGGAGAAAGTGG 1251  
Db 1133 CAAGTGGAAATTCATGTGTGTTCTTCTTCCATGTCTCACCTGGTGGCAGAGCATCA 1192  
Qy 1252 TCACAGTGTCTGCTCGGAGCGCGGAGTGGGAGTGGTGAACAGGACAACTCACTACA 1311  
Db 1193 GGCTGGCTCATTTTCGAAAGGAGGAATGAATTAATCTTGGCTATGATGATTTG 1252  
Qy 1312 GCCCTCACTTCCAGGAGATCCGCATGTTGAAGAAAGGTGCTGCTGCTCCATCCGGGAGATG 1371  
Db 1253 ACTTCAATTTCCAGGAGTTTCAGTATCTAAGGAGAAACAACTTCTACGAGAGATA 1312  
Qy 1372 TGCTCATCACTCTGACAGTACACACGGAAGACCGGAGCTGGCCACAGTGGGGGCT 1431  
Db 1313 ACCTAAATTAAGTGTGCTTACACACGAAAGATAGAGCTGAGATGACTTTGGGGAGGAC 1372  
Qy 1432 TCGGGATCTCGGAGAGATGTGTCAACTACGTGCACTACTACC 1477  
Db 1373 TAAGCAGGAGTGAATGTCTCTCATACCTTCTTTATTACC 1418

## RESULT 17

US-10-140-471-189  
; Sequence 189, Application US/10140471  
; Publication No. US20030138887A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P330R1C163  
; CURRENT APPLICATION NUMBER: US/10/140,471  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 189  
; LENGTH: 2150  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-140-471-189

Query Match 5.4%; Score 146.8; DB 12; Length 2150;  
Best Local Similarity 47.3%; Pred. No. 1.2e-29;  
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

Qy 187 GCTACACCCAGGAGGCCATTTCCAGCTCTGTTGCGGAGGCTCAAGGCTGGCGTCC 246  
Db 119 GCTGGAGCCAGCGGGCAGCAGATCGCTTCCGCTCCAGGTGGCGACTGCGAGTACG 178  
Qy 247 TG---TTTGGAGTCCGACGGTGGCGAGCTTGGAACGAGATCTCGTGGTCTTGGA 303  
Db 179 TGGCTTCGGCTTCTCCGCCACCGGGGCCATGGCGTCCGCCGACATCGTGGGGGGG 238  
Qy 304 CCGATGGGACACTGCTCTTTTGGGACGCTTGGAGTGACCAAGGGGCGAGTCCACC 363  
Db 239 TGGCCACGGGGGCCCTCTCTCCAGGATTTATTTCAATGCAATATAGAGTTGAAA 298  
Qy 364 TGGATCCCGACGAGGACTACCACTGCTGCGAGGTGCAAGAGGCCCGGAGGCTGACCC 423

Db 299 AAGATGCTCAGCAAGATTACCATCTAGAATATGTCATGGAATAATAGCACACACATAA 358  
Qy 424 TGCTTTTCAAGAGGCCCTTTGGCACCTTGGCACCCCAAGGATTACTCTATTGAAGACGCA 483  
Db 359 TTGAATTTACAGAGAGCTGCATACATGTGACATAAATGACAGAGTATAACGGATAGCA 418  
Qy 484 CTGTCCACTTGGTCTACGGGATCTCGGAGGAGCGTTCCGGTCACTGAGGACCAATCAACG 543  
Db 419 CTGTGAGAGTATCTGGGCTTACCACTGAAGATGAGGAGAGCTGGTCCCAGATACC 478  
Qy 544 GCTCGGCTGACAGATGAGGGTGCAGGCTGAGCTCTTGAAGCCCAATATATCCCGAAC 603  
Db 479 ---ATGACTCCAATAGGGGACCAAGAGTTTGGCGTTATTGAATCTCTGAGAAAAC---TA 532  
Qy 604 CGGAGTTGCCCTCAGACGCTGCACCATGAGGTCCTCAAGCTCCCAATATCCAGATCCCCA 663  
Db 533 GTGTGCTATCTACAGCCTTACCATATCTTGTATCTGGTAAATCAGGACGTCCCCATCCAA 592  
Qy 664 GCCAGGAGACCATGCTACTGCTGTCTACATTAAGGAGCTTCCAAAGGGCTTCTCTCGGACC 723  
Db 593 ACAAGATACACATATTGGTGCCAAATGTTAAGATCTCTGTGTTCCAGAAAGCATC 652  
Qy 724 ACATTATCAAGTACGAGCCCATCGTCAACAGGCAATAGGCGCTTGTCCACCATGG 783  
Db 653 ATGTAATAAAGGTTGAGCCAGTGTATACAGAGAGGCCATGAGAGTCTGGTGCACCATCC 712  
Qy 784 AAGTCITCCAGTGGCCCCCGA---GATGACAGCGTCCCCCACTTCAGGGGGCCCTGCG 840  
Db 713 TGCTCTATCAGTGCAGCAACAACTTTAAACGACAGCGTTCTGGAGTCCGGGCAACGAGTGT 772  
Qy 841 ACTCCAAGATGAACCCGACCGCTCAACTACTTCCGCCACGCTGCTGGCGCTGGGGCC 900  
Db 773 ATCAACCCACATGCGCGATGTCATTCTCACTGTGAACCTGTGATTTTTCCTTGGGCTA 832  
Qy 901 TGGGTGCCAAGCATTTTACTACCCAGAGAGAACCGCGCTTGCCTTCGGGGTCCAGGGT 960  
Db 833 TTGGTGGAGAGGGCTTTCTTATCCACCTCATGTGGATTATCCCTTTGGCACTCCATTAG 892  
Qy 961 CCTCCAGATATCTCCGCTGGAAGTTCACTACCAACACCCACTGGTGTATAGNAGAGCAA 1020  
Db 893 ATCCGATTAATGTGCTCTAGAAAGTCCATTAATATCCCACTTATGAGNAGGGCTTAA 952  
Qy 1021 ACAGCTCCTCAGCATCCGCTTGTACTACACAGCAAGCTGCGCGCTTCAACCGCGGA 1080  
Db 953 TAGATAATCTGCACTGAGGTTATTTACACATGATATAGGAATAATATGATGCTGGG 1012  
Qy 1081 TCATGAGCTGGGACTGGTGTACACGCCAGTGTGCGCATTTCCACACCGGAGACCGCCT 1140  
Db 1013 TGATTGAGGCTGGCCTCTGGGTGAGCCTCTTCCATACCATCCCTCCAGGAGTGCCTGAGT 1072  
Qy 1141 TCATCTCACTGGCTACTGACGCAAGTGCACCCAGCTGGCAGCTG-----CCTC 1191  
Db 1073 TCCAGTCTGAGGGTCACTGCACCTTGGAGTGCCTGGAAGAGGCTTGGAAAGCCGAAAGC 1132  
Qy 1192 CTTCCGGGATCCACATCTTCGCTCTCAGCTCCACACACACCTGACTGGGAGAAAGTGG 1251  
Db 1133 CAAGTGGAAATTCATGTGTGTTCTTCTTCCATGCTCACTTGGCTGGCAGAGGCAATCA 1192  
Qy 1252 TCACAGTGTGGTCCGGAGCGCGGAGTGGGAGATCGTGAAACAGGACAACTCACTACA 1311  
Db 1193 GGCTGGCTCATTTTCGAAAGGAGGAAGAAATGAATTAATCTTGCCTATGATGATTTG 1252  
Qy 1312 GCCTCACTTCCAGGAGATCCGCATGTTGAGAAAGTGTGCTGCTGCTCCATCCGGGAGATG 1371  
Db 1253 ACTTCAATTTCCAGGAGTTTCAAGTATCTAAAGGAAGAAACAATCTTTACCGAGAGATA 1312  
Qy 1372 TGCTCATCACTCTCCAGTACAAACAGGAGACCGGAGCTGGCCACAGTGGGGGCT 1431  
Db 1313 ACCTAATTAAGTGTGCTACACAGGAAAGATAGAGCTGAGATGACTTTGGGAGGAC 1372  
Qy 1432 TCGGATCTCTGGAGGAGATGTGTGTCAACTACCTGCACTACTACCC 1477

Db 1373 TAAGCACCAGGAGTGAATGTCTCTCATACACTTCTTTATTACCC 1418

RESULT 18

US-10-140-807-189  
; Sequence 189, Application US/10140807  
; Publication No. US20030134354A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P33303C174  
; CURRENT APPLICATION NUMBER: US/10/140,807  
; CURRENT FILING DATE: 2002-05-07  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 189  
; LENGTH: 2150  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-140-807-189

Query Match 5.4%; Score 146.8; DB 12; Length 2150;  
Best Local Similarity 47.3%; Pred. No. 1.2e-29;  
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

QY 187 GCTACACCAGGAGGCCATTCATTCACGCTCTCGTGGCGGAGCTCAAGGCTGGCGTCC 246  
Db 119 GCTGGAGCCAGCGGGGACGAGATCGCTTCCGCTCCAGGTGCGCACTGCGAGGTACG 178  
QY 247 TG---TTTGGGATGTCGACCGGTGGGAGCTTGAGAACGAGATCTCGTGGTCTCTGGA 303  
Db 179 TGGGCTTCGGGCTTCTCGCCACCAGGGGCCATGGCGTCCGCGACATCGTCTGGCGGGG 238  
QY 304 CCGATGGGGACACTGCCTATTTTCGGGACGCGCTGGAGTGACAGAGGGGCGAGTCCACC 363  
Db 239 TGGCCACGCGGCGCCCTACCTCCAGGATTAATTTACAAATGCAATAGAGAGTTGAAA 298  
QY 364 TGGATCCCGACAGGACTACGAGTCTGCGAGGTGCGAGGAGCCCGAGAGGCGCTGACCC 423  
Db 299 AAGATGTCAGCAAGATTACCATCTAGAAATGCCATGGAAATACACACACACATAA 358  
QY 424 TGCTTTTCAAGAGCCCTTTGGCACCTCGACCCCAAGGATTAACCTCATTTGAAGACGGCA 483  
Db 359 TTGAATTTACAGAGAGCTGCATACATGTGACATAAATGACAGATATAACGGATAGCA 418  
QY 484 CTGTCCACTTGGTCTACGGGATCCTCGAGGAGCGGTTCCGGTCACTGGAGGCGCATCAAG 543  
Db 419 CTGTGAGAGTGATCTGGGCTACCCACCATGAGATCGAGAGAGCTGTGTCCCAAGTACC 478  
QY 544 GCTCGGCGCTGCAGATGGGCTGCAGAGGTGAGCTCTCGAAGCCCAATATCCCGGAAC 603  
Db 479 ---ATGACTCCAATAGGGGACCAAGAGTTTGGGTTATTGAATCCTGAGAAAAC--TA 532  
QY 604 CGGAGTTGCCCTCAGACGCGGTGCACCATGAGGTCACAGTCCCAATATCCAGATCCCA 663  
Db 533 GTGTGCTATCTACAGCCTTACCATACTTTGATCTGTGTAATCAGGACGTCGCCCATCCAA 592

QY 664 GCCAGGAGACACGCTACTGGTCTCATTTAAGGAGCTTCCAAAGGGCTTCTCTCGGCACC 723  
Db 593 ACAAGATACAACATATTTGGTCCAAATGTTTAAAGATTCTGTGTTTCCAAAGAAAGCATC 652  
QY 724 ACATTATCAAGTACGAGCCCATCGTCCAAAGGGCAATGAGGCCCTTGTGTCACCAACATGG 783  
Db 653 ATGTAATAAAGGTTGAGCCAGTGATACAGAGAGGCCATGAGAGTCTGTGTGACCAACATCC 712  
QY 784 AAGTCTTCCAGTGGGCCCCCGA---CATGGACAGCGTCCCGCACTTCAGCGGGCCCTTGG 840  
Db 713 TGCTCTATCAGTGCAGCAACAATTTAACGACAGCGCTTCTGGAGTCCGCGCCACGAGTGCT 772  
QY 841 ACTCCAAGATGAACCCGACCGCTCAACTACTTCCGCCCACTGCTGGCGGCTCGGCCCC 900  
Db 773 ATCACCCCAACATGCCCGATGATCTCTCACTGTGAAACTGTGATTTTGGCTGGGCTA 832  
QY 901 TGGGTGCCAAGGATTTTACTACCCAGAGGAAGCGGCTTGCCTTTCGGGGGTCCAGGGT 960  
Db 833 TTGGTGGAGAGGGCTTTTCTTATCCACCTCATGTTGGATTATCCCTTGGCACTCCATTAG 892  
QY 961 CTTCCAGATATCTCGGCTTGGAGTTCTACTACCAACCCACTGTGTGATAGAGACGAA 1020  
Db 893 ATCCGCAATATGCTCTCTAGAAAGTCCATTATGATAATCCCACTTATAGGAAGGCTTAA 952  
QY 1021 AGACTCTTCAGGCAATCCGCTTGTACTACAGAGCAAGCTCGCGGCTTCAACGGGGGA 1080  
Db 953 TAGATAAATTTCTGGAGTGAAGTTATTTTACAAATGATATAGGAAATATGATGCTGGGG 1012  
QY 1081 TCATGGAGCTGGGACTGTGTACAGCCAGTGATGGCCATTTCCACCAAGGAGACCGCT 1140  
Db 1013 TGTATTGAGGCTGGCCTCTGGGTGAGCTCTTCCATACCATCCCTCCAGGATGCTGAGT 1072  
QY 1141 TCATCCTCACTGGTACTGACAGGAGAGTGCACCCAGCTGGCACTG-----CTC 1191  
Db 1073 TCCAGTCTGAGGCTCACTGCACCTTTGGAGTGCCTGGAGAGGCTCTGGAAGCCGAAAGC 1132  
QY 1192 CTTCCGGGATCCACATCTTCGCTCTCAGCTTCCACACACACCTGATGGGAGAAAGTGG 1251  
Db 1133 CAAGTGGAAATTCATGTGTTGCTGTTCTTCTCCATGCTCACCTGGCTGGCAGAGGCATCA 1192  
QY 1252 TCACAGTGTCTGGTCCGGGACCGGCGGAGTGGGAGATCGGTGAACCAAGCAATCACTACA 1311  
Db 1193 GGCTGCGTCAATTTTCGAAGAGGGAAGAAATGAAATTAATTTGCTATGATGATGATTTG 1252  
QY 1312 GCCCTCACTTCAGAGATCGGCAATGTTGAAGAGTCTGTGCGTCCATCCCGGAGATG 1371  
Db 1253 ACTTCAATTTCCAGGAGTTTCAGTATCTAAAGGAAGAAACAAACATCTTACAGGAGATA 1312  
QY 1372 TGCTCATCACCTCTCGCACGTACAAACGGAAGACCGGAGCTGGCCACAGTGGGGGCT 1431  
Db 1313 ACCTAATTAATGAGTGTGCTTACACACGAAAGATAGAGCTGAGATGACTTGGGAGGAC 1372  
QY 1432 TCGGATCTCGGAGGAGATGTGTCAACTACGTGCACTACTACCC 1477  
Db 1373 TAAGCACCAGGAGTGAATGTGTCTCTCATACCTTCTTTATTACCC 1418

RESULT 19

US-10-140-922-189  
; Sequence 189, Application US/10140922  
; Publication No. US2003013889A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.



```
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C179
; CURRENT APPLICATION NUMBER: US/10/140,922
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 189
; LENGTH: 2150
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-922-189

Query Match          5.4%; Score 146.8; DB 12; Length 2150;
Best Local Similarity 47.3%; Pred. No. 1.2e-29;
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

QY 187 GCTACACCCAGGAGCCATCCATTTCCAGCTCTCGTGGGAGGCTCAAGGCTGGCGTCC 246
Db 119 GCTGAGCAGCGGGGAGCCAGATCGCTTTCCGCTCCAGGTGCGCACTCGAGGCTACG 178

QY 247 TG---TTTGGGATGTCGACCGTGGCGAGCTTGAGAGCGAGATCTCGTGGTCTCTGGA 303
Db 179 TGGGCTTCGGGCTTCTCGCCCAACCGGGCCATGGCGTCCGCGGACATGCTGCTGGCGGG 238

QY 304 CCGATGGGGACATGCTCTATTTTGGGAGCGCTCGAGGTGACAGAGGGGAGATCCACC 363
Db 239 TGGCCCAAGCGGGCCCTACCTCCAGGATTTTACAATGCAATAGAGATTGAAA 298

QY 364 TGGATCCCCAGAGACTACAGCTGTCGAGGTGTCAGAGAGACCCAGAGGCTGACCC 423
Db 299 AAGATGCTCAGCAAGATTACCATCTAGAAATATGCATGCAATGCAATAGCAGCAACAATA 358

QY 424 TGCCTTTCAAGAGGCCCTTTGGCACCTCGGACCCAGGATTTACTATTGAAGACGGCA 483
Db 359 TTGAATTTACAGAGAGCTGATACATGTGACATATAATGCAAGAGTATAACGGATAGCA 418

QY 484 CTGTCCACTTGGTCTACGGGATCTGGAGGAGCGGTTCCGGTCACTGGAGGCCATCAAG 543
Db 419 CTGTGAGAGTGATCTGGGCTTACCACCTAGAGATGAGAGAGCTGGTCCCAAGTACC 478

QY 544 GCTCGGGCTGCAGATGGGCTGCAGAGGTGTCAGCTCTCGAAGCCCAATATCCCGAAC 603
Db 479 ---ATGACTCTCAATAGGGGACCAAGAGTGTTCGGTATTGAACTCTGAGAAAC---TA 532

QY 604 CGGAGTTGCCCTCAGACGCTGCACCATGAGGTCCAGCTCCCAATATCCAGATCCCA 663
Db 533 GTGTGCTATCTACAGCTTACCATCTTGTATCTGTTAAATCAGAGACGTCCTCCCATCCAA 592

QY 664 GCCAGGAGACCACTACTGTGTGTACATTAAGGAGCTTCCAAAGGGCTTCTCTCGGACC 723
Db 593 ACAAGATACAACATATTGTTGCCAATGTTTAAGATTCCTGTGTTCAAGAAAGATC 652

QY 724 ACATTATCAAGTACAGGCCCATCGTCAACAAAGGCAATGAGGCCCTTTGTCCACACATGG 783
Db 653 ATGTAATAAAGGTTGAGGCACTGATACAGAGAGCCCATGAGAGTCTGTGTCACCACTCC 712

QY 784 AAGTCTTCCAGTGGCCCCGA---GATGGACAGGTCCCCCATTTAGCGGGGCCCTTGG 840
Db 713 TGCTCTATCATGTGAGCAACAACATTTAACGACACGCTTCTGAGTCCGGGACAGGTGCT 772

QY 841 ACTCCAAGATGAACCCGACCGCTCAACTACTCGCGCAGCTGCTGCGCCCTGGGCCCC 900
Db 773 ATACCCCAACATGCCGATGCAATCTTCACCTGTGAAACTGTGATTTTTCGCTGGGCTA 832

QY 901 TGGGTGCCAAGGCATTTTACTACCCAGAGGAGCGGCGCTTGCCTTCCGGGGTCCAGGGT 960
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Db 833 TTGTTGGAGAGGGCTTTTCTTTATCCACCTCATGTTGGATTATCCCTTGGCACTCCATTAG 892
QY 961 CTTCCAGATATCTCCGCTGGAGTTCCTACCTACCAACCCACTGGTGATAGAGACGAA 1020
Db 893 ATCCGCATTATGTGCTCTCTAGAGTCCATTATGATAATCCCACTTATGAGGAAGCTTAA 952
QY 1021 ACGACTCTCAGGCATCCGCTTGTACTACAGACCAAGCTCGCGGCTTCAACCGGGGA 1080
Db 953 TAGATAATTCTGGACTGAGGTATTTTACACAATGGATATAAGGAATATATGCTGGGG 1012
QY 1081 TCATGGAGCTGGGACTGGTGTAACGCCAGTGATGGCCATTTCCACCGGAGACCGCT 1140
Db 1013 TGATTGAGGCTGGGCTCTGGGTGAGCTCTTCCATACCATCCCTCCAGGATGCTGAGT 1072
QY 1141 TCATCCTCACTGGCTACTGCACGACCAAGTGCACCCAGCTGGCACTG-----CCTC 1191
Db 1073 TCCAGTCTGAGGGTCACTGCACATTTGGAGTGCTTGGAGAGGCTCTGGAAGCCGAAAGC 1132
QY 1192 CTTCCGGGATCCACATCTTCGCTCTCAGCTTCCACACACACTGACTGGGAGAAAGTGG 1251
Db 1133 CAAGTGGAAATTCATGTGTTGCTGTTCTTCTCATGCTCACTGCTGGCAGAGGCATCA 1192
QY 1252 TCACAGTCTGCTCCGGGACGCGCGGAGTGGGAGATCGTGAAACAGGACAAATCACTACA 1311
Db 1193 GGCTGCGTCAATTTTCGAAAGGGAAGGAATGAAATTAATTTGCTATGATGATTTTG 1252
QY 1312 GCCCTCACTTCCAGGAGATCGCATGTTGAAGAGGTGCTGCTCGTCCATCCGGGAGATG 1371
Db 1253 ACTTCAATTTCCAGGAGTTTTCAGTATCTAAAGGAAGAACAAACAATCTTACCAGGATA 1312
QY 1372 TGCTCATCACTCTCGCACGTACAAACAGGAGACCGGAGCTGGCCACAGTGGGGGCT 1431
Db 1313 ACCTAATTAATGAGTGTGCTACACACAGAAAGATAGAGCTGAGATGACTTGGGGAGGAC 1372
QY 1432 TCGGGATCTGGAGGAGATGTGTCTCAACTACGTGCACTACTACCC 1477
Db 1373 TAAGCACCAGAGTGAATGTGCTCTCATACCTCTTTTATTATCCC 1418
```

## RESULT 20

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US-10-140-924-189
; Sequence 189, Application US/10140924
; Publication No. US20030134355A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C177
; CURRENT APPLICATION NUMBER: US/10/140,924
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 189
; LENGTH: 2150
; TYPE: DNA
; ORGANISM: Homo Sapien
```

US-10-140-924-189

```

Query Match          5.4%; Score 146.8; DB 12; Length 2150;
Best Local Similarity 47.3%; Pred. No. 1.2e-29;
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

QY 187 GCTACACCCAGGAGGCCATCCATTTCCAGCTCTCGTGGGAGGCTCAAGGCTGGCGTCC 246
D 119 GCTGGAGCCAGCGGGCAGCAGATCGCTTCGGCTCCAGTGCGCATCGCAGGCTAG 178

QY 247 TG---TTTGGATGTCGAGCGTGGGAGCTTGAGAACGAGATCTCGTGGTCTGGA 303
D 179 TGGGCTTCGGCTTTCTCGCCACCGGGCCATGCGTCCGCGACATCGTGGTGGCGGG 238

QY 304 CCGATGGGACACTGCTATTTTGGCGAGCCCTGGAGTGACAGAGGGGAGATCCACC 363
D 239 TGGCCACGGCGGCTTACCTCCAGGATTTTACAAATGCAATAGAGATTGAAAA 298

QY 364 TGGATCCCGACGAGGACTACAGCTGCTGACGCTGCAGGTGCAGAGACCCGAGAGGCTTGACCC 423
D 299 AAGATGCTCAGCAAGATTACCATCTAGAAATATGCCATGGAAATAGCACACACATAA 358

QY 424 TGCTTTTCAAGAGGCCCTTTGGCAGCTCGACCTGCAACCCCAAGATTACCTATTGAGAGGCA 483
D 359 TTGAATTTACGAGAGCTGCATATGATGACATAAATGACAAAGATATAACGGATAGCA 418

QY 484 CTGTCCACTTGTCTACGGGATCTCGGAGGAGCCGTTCCGGTCACTGGAGGCCATCAACG 543
D 419 CTGTGAGAGTGATCTGGGCTTACCACCATGAGATGCGAGGAGAGCTGGTCCCAGTACC 478

QY 544 GCTCGGCTCGAGATGGGGTGCAGAGGTGACGCTCTGAAGCCCAATATCCCCGAAC 603
D 479 ---ATGACTCCAATAGGGGCACCAAGAGTTTGGGTTATTGAATCTCGAGAAAC---TA 532

QY 604 CGGAGTTGCCCTCAGACGCGTGCAACATGGAGGTCCAGCTCCCAATATCCAGATCCCCA 663
D 533 GTGTGCTATCTACAGCTTACCATACTTGTATCTGTTAAATCAGAGCTGCCCATCCAA 592

QY 664 GCCAGAGACACAGTACTGTGCTACATTAAGGAGCTTCCAAAGGGCTTCTCTCGGCACC 723
D 593 ACAAAAGATACACATATTGGTGCCAAATGTTAAAGATTCTGTCTTCCAGAAAGATC 652

QY 724 ACATTATCAAGTACAGGCCATCTGTCACCAAGGCAATGAGCCCTTGTCTCCACACATGG 783
D 653 ATGTAATAAGTTGAGCCAGTGATACAGAGGCCATGAGAGTCTGGTGCACCATCC 712

QY 784 AAGTCTTCCAGTGGCCCCGA---GATGGACAGCTCCGCCACTTCAGCGGGCCCTGGC 840
D 713 TGCTCTATCAGTCAGCAACAACTTTAAGCAGACCGTTCTGGAGTCGGGCCAGAGTGT 772

QY 841 ACTCCAGATGAACCCGACCGCTCAACTACTGCCGCCACGCTGCTGGCGCCTGGGCCC 900
D 773 ATCACCACCAATGCCGATGCACTTCTCAGCTGTGAACCTGTGATTTTGGCTGGGCTA 832

QY 901 TGGGTGCCAAGGCAATTTACTACACAGGAGCGGCTTGGCTTCGGGGTCCAGGCT 960
D 833 TTGGTGGAGAGGGCTTTTCTATCCACTCATGTTGGATTATCCCTTGGCACTCCATTAG 892

QY 961 CCTCAGATATCTCCGCTCGAAGTTCACTACCAACCCACTGCTGATAGAGAGCAAA 1020
D 893 ATCCGCAATATGTCTCTAGAAAGTCCATTATGATAATCCACTTATGAGGAAGGCTTAA 952

QY 1021 ACAGACTCTCAGGCATCCGCTTGTACTACACAGCCAGCTGGCGGCTTCAACGGGGGA 1080
D 953 TAGATAATTTGAGTACAGGTTATTTTACAAATGAGATTAAGGAAATATGATGCTGGGG 1012

QY 1081 TCATGGAGCTGGAGCTGGTGTACACGCCAGTGTAGTGGCCATTCCACACCGGAGACCGCT 1140
D 1013 TGATTGAGGCTGGGCTCTGGGTGAGCTCTTCCATACCATCCCTCCAGGATGCTGAGT 1072

QY 1141 TCATCCTCACTGCTACTGACCGGACAGTGCACCCAGCTGGCACTG-----CCTC 1191
D 1073 TCCAGTCTGAGGTCACCTGTCATTTTGGAGTGGCTTGGAGAGGCTCTGGAAGCGGAAAGC 1132

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QY 1192 CCTCGGATCCACATCTTCGCTCTCAGCTCCACACACACCTGACTGGGAGAAAGTGG 1251
D 1133 CAAGTGAATTCATGTGTGTTCTTCTCCATGCTCAGCTGGCTGGCAGGAGCATCA 1192

QY 1252 TCACAGTGTGCTCGGACGCGCGGAGTGGGAGATCGTGAACACGAGCAATCACTACA 1311
D 1193 GGCTGCTCATTTTTCGAAAAGGGAAGAAATGAATTAATTTGCTCTATGATGATTTG 1252

QY 1312 GCCTCACTTCCAGGAGATCCGATGTTGAAGAGTCTGTCGTTCCATCCGCGGAGATG 1371
D 1253 ACTTCAATTTCCAGGAGTTTCAGTATCTAAAGGAAGAACAAATCTTTACCGAGAGATA 1312

QY 1372 TGCTCATCACTCTCGACGTACAACACGGAAGACCGGAGCTGGGCCACAGTGGGGGGCT 1431
D 1313 ACCTAATTTACTGAGTGTGCTACAAACACGAAAGATAGACTGAGATGATTTGGGAGGAC 1372

QY 1432 TCGGGATCTGGAGGAGATGTGTGTCAACTAGCTGCACTACTACCC 1477
D 1373 TAAGCACCGAGGAGTGAATGTGTCTCTCATACCTCTTTTATTACCC 1418

```

RESULT 21

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US-10-140-926-189
; Sequence 189, Application US/10140926
; Publication No. US20030134356A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C187
; CURRENT APPLICATION NUMBER: US/10/140,926
; PRIOR FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 189
; LENGTH: 2150
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-926-189

```

```

Query Match          5.4%; Score 146.8; DB 12; Length 2150;
Best Local Similarity 47.3%; Pred. No. 1.2e-29;
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

QY 187 GCTACACCCAGGAGGCCATCCATTTCCAGCTCTCGTGGGAGGCTCAAGGCTGGCGTCC 246
D 119 GCTGGAGCCAGCGGGCAGCAGATCGCTTCGGCTCCAGTGCGCATCGCAGGCTAG 178

QY 247 TG---TTTGGATGTCGAGCGTGGGAGCTTGAGAACGAGATCTCGTGGTCTGGA 303
D 179 TGGGCTTCGGCTTTCTCGCCACCGGGCCATGCGTCCGCGACATCGTGGTGGCGGG 238

QY 304 CCGATGGGACACTGCTATTTTGGCGAGCCCTGGAGTGACAGAGGGGAGATCCACC 363
D 239 TGGCCACGGCGGCTTACCTCCAGGATTTTACAAATGCAATAGAGATTGAAAA 298

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Db 533 GTGTGCTATCTACAGCCTTACCATCTTGTGTAATCTGGTAATCAGGAGCTCCCATCCAA 592  
QY 664 GCCAGGACACAGCTACTGGTGTCTACATTAAGGAGCTTCCAAAGGGCTTCTCTCGGCACC 723  
Db 593 ACAAGATACAACTATTGGTGGCAATTTTAAGATTCTGTGTTCCAAAGAAAGCATC 652  
QY 724 ACATTATCAAGTACAGCCCATCGTCCACCAAGGCAATGAGGCCCTGTGTCACCAATGG 783  
Db 653 ATGTAATAAGTTGAGCCAGTATACAGAGAGCCATGAGATCTGGTGCAACCATCC 712  
QY 784 AAGTCTTCCAGTGGCCCCGGA---GATGACAGCGTCCCACTTTCAGCGGCCCTGG 840  
Db 713 TGCTCTATCATGTCAGCAACAATTTAAACGACAGCGTTCTGGAGTCCGSCCAGAGTGT 772  
QY 841 ACTCCAAGATGAACCCGACCGCTCAACTACTGCGGCCACGTCGTGGCGGCTGGGCC 900  
Db 773 ATCACCACACATGCCGATGCATTTCTACCTGTGAAACTGTGATTTTGTGCTGGGTA 832  
QY 901 TGGGTGCCAAGGATTTTACTACCCAGAGGAAGCCGCGCTTGCTTGGGGGTCCAGGT 960  
Db 833 TTGGTGGAGAGGCTTTCTTATCCACCTCATGTTGATATCCCTTGGCACTCCATTAG 892  
QY 961 CCTCCAGATATCTCCGCTGGAGTTTCACTACACCAACCCACTGTGTAGTAGAACGAA 1020  
Db 893 ATCGCATATGTCCTTAGAGTCCATTATGATAATCCCACTTATGAGGAAGCTTAA 952  
QY 1021 ACAGCTCTCAGCATCCGCTTGTACTACACAGCAAGCTGGGCGCTTCAACGGGGA 1080  
Db 953 TAGATAATCTGAGCTAGGTTATTTTACACATGGATATAGGAATATATGCTGGGG 1012  
QY 1081 TCATGAGCTGGAGCTGTGTACAGCCAGTGTATGGCCATTCACCAAGGAGACCGCT 1140  
Db 1013 TGATTGAGGCTGGCTCTGGGTGAGCCTTTCCATACCATCCCTCCAGGATGCTGAGT 1072  
QY 1141 TCATCTCTACTGCTACTCCAGGCAAGTGCACCCAGCTGGCACTG-----CCTC 1191  
Db 1073 TCCAGTCTGAGGCTCACTGCATTTGGAGTGCCTGGAAAGGCTCTGGAAGCCGAAAGC 1132  
QY 1192 CCTCCGGATCCACATCTTGGCTCTCAGCTCCACACACACCTGACTGGGAGAAAGTGG 1251  
Db 1133 CAAGTGAATTCATGTTGTGTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1192  
QY 1252 TCACAGTGTGTCGGGACGCGGAGTGGGAGTGGTCAACCAAGGAGCAATCACTACA 1311  
Db 1193 GCTCGCTCAATTTGAAAGGAGGAATGAATTAATTAATTAATTAATTAATTAATTAAT 1252  
QY 1312 GCCCTCACTTCAGAGATCCGCATGTTGAAGAAAGTCTGTGTCGTCATCCGAGAGTG 1371  
Db 1253 ACTTCAATTTCCAGAGTTTCAGTATCTAAAGGAAGAACAACTTTACAGAGAGATA 1312  
QY 1372 TGCTCATCACTCTGACAGTACACACGGAGACCGGAGCTGGCCACAGTGGGGGCT 1431  
Db 1313 ACCTAATTTAGTGTGCTGTACAAACGAAAGATAGAGCTGAGATGACTTGGGGAGGAC 1372  
QY 1432 TCGGATCTTGGAGAGATGTGTCAACTACGTGCACTACTACCC 1477  
Db 1373 TAAGCACCAGAGTGAATGTGCTCTCATACCTCTCTTATACCC 1418

RESULT 23

US-10-141-702-189  
; Sequence 189, Application US/10141702  
; Publication No. US20030134350A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C208  
; CURRENT APPLICATION NUMBER: US/10/141,702  
; Prior Application removed - 2002-05-08  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 189  
; LENGTH: 2150  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-141-702-189  
  
Query Match 5.4%; Score 146.8; DB 12; Length 2150;  
Best Local Similarity 47.3%; Pred. No. 1.2e-29;  
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;  
  
QY 187 GTTACACCCAGGAGGCCATCCATTTCCAGCTCTGCTGGAGGCTCAAGGCTGGCGTCC 246  
Db 119 GCTGGAGCCAGCGGGGAGCAGATCGCTTCCGGCTCCAGTGGCGACTCAGGCTACG 178  
  
QY 247 TG---TTTGGGATGTCCACCGTGGCAGCTTGAAGACGAGATCTCGTGGTCTCTGGA 303  
Db 179 TGGGCTTGGCTTCTCGGCCACCGGGGCCATGGGCTCCGCCGACATCGTCTGGCGGGG 238  
  
QY 304 CCGATGGGACACTCCCTATTTTTGGGACGCTGCGAGTGCACAGAGGGGAGATCCACC 363  
Db 239 TGGCCACCGGGCGGCCCTACCTCCAGGATTTATTTTAAATGCAATAGAGATTTGAAA 298  
  
QY 364 TGGATCCCGCAGGAGACTATCCAGCTGTGCGAGTGCAGAGGACCCCAAGAGGCTGACCC 423  
Db 299 AAGATGTCTCAGCAAGATTACCATCTAGAATATGCAATGGAATAATGACACACACATAA 358  
  
QY 424 TGTCTTTCAGAGGCCCTTTGGCACCTGCGACCCCAAGGATTACCTCATTTGAAGACGGCA 483  
Db 359 TTGAATTTACAGAGAGCTGCATACATGTGACATAAATGACAAAGATATAACGATAGCA 418  
  
QY 484 CTGTCCACTTGGTCTACGGGATCCTGGAGGAGCGCTTCCGGTCACTGGAGGCCCATCAACG 543  
Db 419 CTGTGAGAGTATCTGGGCGCTTACCACCATGAAGATGCAGGAGAGCTGGTCCCAAGTACC 478  
  
QY 544 GCTCGGCTGACAGTGGGCTGCAGAGGCTGAGCTCTGAAAGCCCAATATCCCCGAAC 603  
Db 479 ---ATGACTCAATAGGGGCAACAGAGTTTGGGTTATTTGAATCTCTGAGAAAAC--TA 532  
  
QY 604 CGGAGTTGCCCTCAGACGCGTGCACCATGAGGTCCTCAAGCTCCCAATATCCAGATCCCCA 663  
Db 533 GTGTGCTATCTACAGCCTTACCATACTTTGATCTGGTAATCAGGACGTCCTCCATCCCAA 592  
  
QY 664 GCCAGGAGACCGTACTGTGTCTACATTAAGGAGCTTCCAAAGGGCTTCTCTCGGCACC 723  
Db 593 ACAAGATACAACTATTGGTGGCAATTTTAAGATTCTGTGTTCCAAAGAAAGCATC 652  
  
QY 724 ACATTATCAAGTACGAGCCCATCGTCCACCAAGGCAATGAGGCCCTGTGTCACCAATGG 783  
Db 653 ATGTAATAAGTTGAGCCAGTATACAGAGAGCCATGAGAGTCTGGTGCAACCATCC 712  
  
QY 784 AAGTCTTCCAGTGGCCCCGGA---GATGCAAGCGTCCCCCACTTTCAGCGGCCCTGG 840  
Db 713 TGCTCTATCAGTGCAGCAACAATTTTAAACGACAGCGTTCTGGAGTCCGSCCAGAGTGT 772  
  
QY 841 ACTCCAAGATGAACCCGACCGCTCAACTACTGCGGCCACGTCGTGGCGGCTGGGCC 900  
Db 773 ATCACCACACATGCCGATGCATTTCTCATACCTCTCTTATACCC 832

```

Qy 901 TGGGTGCCAAGCATTTTACTACCCAGAGGAGCGCGCTTGGCTTCCGGGGTCCAGGGT 960
Db 833 TGGGTGGAGAGGGCTTTTCTTATCCACCTCATGTTGGATTATCCCTTGGCACTCCATTAG 892

Qy 961 CCTCAGATATCTCGGCTCGAAGTTCACTACCAACCCACTGGTGATAGAAGACGAA 1020
Db 893 ATCCGATTATGTCTCTAGAGTCCATTATGATATCCACTTATAGGAAGCTTAA 952

Qy 1021 ACGACTCTCAGGCATCCGCTTGTACTACACAGCCCAAGCTCGGCGCTTCAACGGGGGA 1080
Db 953 TAGATAATCTCGACTGAGGTATTTTACAAATGATATAAGGAATATGATGCTGGG 1012

Qy 1081 TCATGGAGCTGGAGTGTGTACAGCCAGTGTGGCCATTCACACCGGAGACCGCT 1140
Db 1013 TGATTGAGGCTGGGCTCTGGGTGAGCTCTTCCATACCATCCCTCCAGGGATGCTGAGT 1072

Qy 1141 TCATCTCACTGGCTTACTGACGAGCAAGTGCACCCAGCTGSCACTG-----CCTC 1191
Db 1073 TCCAGTCTGAGGGTCACTGCACTTTGGAGTGCCTGGAAAGGCTCTGGAAGCCGAAAGC 1132

Qy 1192 CCTCGGATCCACATCTTGCCTCTCAGCTCCACACACACTGACTGGGAGAAAGTGG 1251
Db 1133 CAAGTGGAAATTCATGTGTTGCTGTTCTTCTCCATGCTCACCTGGCTGGCAGGCACTCA 1192

Qy 1252 TCACAGTCTGCTCGGAGCGCGGAGTGGGAGATCGTGAACAGGACAACTCACTACA 1311
Db 1193 GGCTCGCTCATTTTCGAAAGGGAAGGAAATGAAATTAATTGCTATGATGATTTG 1252

Qy 1312 GCCCTCACTCCAGGAGATCCGATGTTGAAAGAGTGGTGGTCCATCCGGAGATG 1371
Db 1253 ACTTCAATTTCCAGAGTTTCAGTATCTAAAGGAAGAAACAACTTTCACAGAGATA 1312

Qy 1372 TGCTCATCACCTCTCGACGTACAAACCGGAGACCGGGAGCTGGCCACAGTGGGGGCT 1431
Db 1313 ACCTAATTTACTGAGTGTGCTACAAACAGGAAGATAGAGCTGAGATGACTTGGGGAGAC 1372

Qy 1432 TCGGATCTCGGAGAGATGTGTCACTACGTGCACTACTACC 1477
Db 1373 TAAGCACCAGGAGTGAATGTCTCTCATACCTCTTTATTATCCC 1418

```

RESULT 24

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US-10-141-704-189
; Sequence 189, Application US/10141704
; Publication No. US20030134359A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330RIC209
; CURRENT APPLICATION NUMBER: US/10/141.704
; PRIORITY FILING DATE: 2002-05-08
; Prior Application removed - See Palm or File wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 189
; LENGTH: 2150
; TYPE: DNA

```

; ORGANISM: Homo Sapien  
US-10-141-704-189

Query Match  
Best Local Similarity 47.3%; Pred. No. 1.2e-29;  
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

```

Qy 187 GCTACACCCAGGAGCCATCCATTTCCAGCTCTCGGTGCGGAGGCTCAAGGCTGCGCTCC 246
Db 119 GCTGGAGCCAGCGGGGAGCCAGATCGCTTCCGCTCCAGGTGGCACTCGAGGCTAGC 178

Qy 247 TG---TTTGGATGTCGACCGGTGGAGCTTTGAGAACGAGATCTCGTGTGCTCTGGA 303
Db 179 TGGGCTTTGGGCTTCTCGCCCAACCGGGGCGCATGGGCTCCGCGACATCGTCTGGGCGGG 238

Qy 304 CCGATGGGGACACTGCTTATTTTGGCGAGCGCTGGAGTGACCAAGGGGAGATCCACC 363
Db 239 TGGCCACGGGGCGCCCTTACCTCCAGGATTTATTTTCAATGCAATATAGAGATTGAAA 298

Qy 364 TGGATCCCCAGCAGGACTTACAGCTGCTGAGGTGTCAGAGGAGCCCAAGAGGCTGACCC 423
Db 299 AAGATGCTCAGCAAGATTACCATCTAGAAATATGCCATGGAAATATAGCACACACAATA 358

Qy 424 TGCTTTTCAAGAGCCCTTTGGGACCTGGGACCCCAAGGATTACCTATTGAAAGCGGCA 483
Db 359 TTGAATTTTACCAGAGAGCTGCATACATGTGACATAAAATGACAGAGATATACGGATAG 418

Qy 484 CTGTCACCTTGGTCTACGGGATCCTGGAGGAGCGGTTCCGCTCACTGGAGGCCATCAACG 543
Db 419 CTGTGAGAGTGTATCTGGGCTTACCACTGAAGATGAGAGGAGCTGTGCTCCAGTACC 478

Qy 544 GCTGGGCGCTCGAGATGGGGCTGCAGAGGGTGCAGAGCTTCCGAGCCCAATATCCCGAAC 603
Db 479 ---ATGACTCCAATAGGGGACCAAGATTGGCGTTATTGAATCCTGAGAAAC---TA 532

Qy 604 CGAGTTGCTCTCAGACGCTGACCATGGAGGTCCAAAGTCCCAATATCCAGATCCCA 663
Db 533 GTGTGCTTATACAGCCCTTACCATACTTGTATCTGTTAAATCAGGAGCTCCCATCCCA 592

Qy 664 GCAGGAGACACGCTACTGCTGTACATTAAGAGCTTCCAAAGGGTCTCTCGGAC 723
Db 593 ACAAGATACAACATATGGTGGCAATGTTTAAAGATTCTGTGTTTCAAGAAAGCATC 652

Qy 724 ACATTTCAAGTACGAGCCCATCGTCAACAGGCAATGAGGCCCTTGTGTCACCAACATGG 783
Db 653 ATGTAATAAAGTTGAGCCAGTGATACAGAGGCCATGAGAGTCTGTGTCACCACTCC 712

Qy 784 AAGTCTTCCAGTGGCCCCCGA---GATGGACAGCTGCCCCCACTTCAGCGGGGCTTGG 840
Db 713 TGCTCTATCAGTGCAGCAACAACTTTAAACGACAGCGTTCTGGAGTCCGGCCACGAGTGT 772

Qy 841 ACTCCAAGATGAAACCGGCGCTCAACTACTGCGCCACGCTGCTGCGGCGCTTGGGCCC 900
Db 773 ATCAACCCCAACATGCGCCGATGCAATTTCTCACTGTGAAACTGTGATTTTGGCTGGGCTA 832

Qy 901 TGGGTGCCAAGGCATTTTACTACCCAGAGGAGCGGCGCTTGGCTTCCGGGGTCCAGGGT 960
Db 833 TGGGTGGAGAGGGCTTTTCTTATCCACTCATGTTGATTTATCCCTTGGCACTCCATTAG 892

Qy 961 CTCTCAGATATCTCGGCTCGAAGTTCACTACCAACCCACTGGTGTGATAGAAGACGAA 1020
Db 893 ATCCGATTATGTGCTCTAGAGTCCATTATGATATATCCACTTATAGGAAGGCTTAA 952

Qy 1021 ACGACTCTCAGGCATCCGCTTGTACTACACAGCCAGCTGCGGGCTTCAACGGGGGA 1080
Db 953 TAGATAATCTCGAGCTGAGGTATTTTACCAATATGAGATAAAGGAATATGATGCTGGG 1012

Qy 1081 TCATGGAGCTGGAGTGTGTACAGCGCAGTGTGAGGCTTCCACACCGGAGACCGCT 1140
Db 1013 TGATTGAGGCTGGGCTCTGGGTGAGCTCTTCCATACCATCCCTCCAGGAGTGTGCTAGT 1072

Qy 1141 TCATCTCACTGGGCTACTGACGAGCAAGTGCACCCAGCTGSCACTG-----CCTC 1191

```

Db 1073 TCCAGTCTGAGGTCCTGCACTTTGGAGTGCCTGGAAGAGGCTCTGGAAGCCGAAAGC 1132  
QY 1192 CCTCGGGATCCACATCTTCGCTCTCAGCTCCACACACCTGACTGGGAAAGGTGG 1251  
Db 1133 CAAGTGAATTCATGTGTTGCTGTTCTCCATGCTCACCCTGGCTGGCAGAGCATCA 1192  
QY 1252 TCACAGTGTGTCGCGGACGCGCGGAGTGGAGATCGTGAACCCAGGACAACTCACTACA 1311  
Db 1193 GCGTCGCTCATTTTCGAAAGGAGGAAATGAATTAATCTTGCCTATGATGATTTTG 1252  
QY 1312 GCGCTCACTTCAGAGATCCCATGTTGAAGAAGTCTGTCGCTCATCCGAGAGATG 1371  
Db 1253 ACTTCAATTTCCAGGAGTTTCACTATCTAAAGGAAGAAACAACTTTACCGAGAGATA 1312  
QY 1372 TGCCTATCATCTTCGCGACGTTACACACGAGAGACCGGAGCTGGCCACAGTGGGGGCT 1431  
Db 1313 ACCTTAATTTAGTGTGCTTACAAACGAAAGATAGAGCTGAGATGACTTTGGGGAGGAC 1372  
QY 1432 TCGGGATCCTGGAGGAGATGTGTCAACTACGTGCACTACTACCC 1477  
Db 1373 TAAGCACCAGGAGTGAATGTCTCTCATACCTTCTTTATTACCC 1418

## RESULT 25

US-10-142-421-189  
; Sequence 189, Application US/10142421  
; Publication No. US20030134360A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C218  
; CURRENT APPLICATION NUMBER: US/10/142,421  
; CURRENT FILING DATE: 2002-05-09  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 189  
; LENGTH: 2150  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-142-421-189

Query Match 5.48; Score 146.8; DB 12; Length 2150;  
Best Local Similarity 47.38; Pred. No. 1.2e-29;  
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;  
QY 187 GCTACACCCAGGAGGCGATCCATTTCCAGTCTCTGTTGGAGGCTCAAGGCTGGCGTCC 246  
Db 119 GCTGGAGCCAGCGGGGAGCAGATCGCTTCCGCTCCAGGTGCGCATGTCAGGCTAG 178  
QY 247 TG---TTTGGAGTGCAGCGTGGGAGCTTGAGAACGAGATCTCGTGGTCTCTGGA 303  
Db 179 TGGGCTTCGGCTTCTCGCCACCGGGGCCATGGCGTCCGCGGACATCGTCTGTGGCGGG 238  
QY 304 CCGATGGGGACACTGCTCTATTTTGGGACGCGCTGGAGTGACACAGAGGGCGAGTCCACC 363  
Db 239 TGCCCAACCGGGCGGCTTACCTCCAGGATTTTACAAATGCAATAGAGAGTTGAAAA 298

QY 364 TGGATCCCCAGCAGGACTACCACTGCTGCAGGTGCAGAGGACCCCGAAGGCTTCCAGCC 423  
Db 299 AAGATGCTCAGCAAGATTACCATCTAGAATATGCCATGGAATAATAGCACACACATAAA 358  
QY 424 TGCCTTTTCAAGAGGCCCTTTGGCACCTGCGACCCCAAGGATTACCTCATTTGAAGCGGA 483  
Db 359 TTGAATTTTACAGAGAGCTGCATACATGTGACATAAATGACAAGAGTATAACCGGATAGA 418  
QY 484 CTCTCCACTTGTGTTACTCGGGATCCTCGAGGAGCCGTTCCGGTCACTGGAGGCCATCAACG 543  
Db 419 CTGTGAGAGTGAATCTGGGCTTACCACCATGAGATGACAGAGAGCTGTGCCAGTATCC 478  
QY 544 GCTCGGGCTTCAGATGTTGGGCTGACAGAGGTGAGCTCTCTGAAGCCAAATATCCCGAAC 603  
Db 479 ---ATGACTCCCAATAGGGGACCAAGAGTTTGGGTTATTGAATCTTGAGAAAC---TA 532  
QY 604 CGGAGTTGCGCTCAGACGCGTGCACCATGAGGTCCAGCTCCCAATATCCAGATCCCA 663  
Db 533 GTGTGCTATCTACAGCCTTACCATCTTGTGTAATCGGTAATCAGGACGTCCTCCATCC 592  
QY 664 GCAGGAGACCACTGCTGCTACTTAAAGGAGCTTCCAAAGGCGCTTCTCTCGGCACC 723  
Db 593 ACAAGATACAAATATGTTGCCAAATGTTAAAGTCTCTGTGTTCCAGAAAGAGCATC 652  
QY 724 ACATTTATCAAGTACAGGCCCATCGTCCACCAAGGCAATGAGGCCCTTGTCCACCAATGG 783  
Db 653 ATGTAATAAGGTTGAGCCAGTGATACAGAGAGGCCATGAGAGTCTGTGTGACCAATCC 712  
QY 784 AAGTCTTCCAGTGGCGCCCGCA---GATGGACAGAGTCCCGACCTTCAGCGGGCCCTGG 840  
Db 713 TGCTCTATCAGTGCAGCAACAATCTTTAAGCAGAGCGTTCTGGAGTCCGCGCCACGAGTGT 772  
QY 841 ACTCCAAGATGAAACCCGACCGCTCAACTAATGCGGCCACGTCGTGGCGCGCTCGGGCCC 900  
Db 773 ATCACCCCAACATGCCCGATGCTTCTCACCTGTGAAACTGTGATTTTGTCTGGCTA 832  
QY 901 TGGGTGCCAAGCATTTTACTACCCAGAGGAAGCGCGCTTGCCTTCGGGGGTTCAGGGT 960  
Db 833 TTGGTGGAGAGGCTTTTCTTATCCACTGTTTGGATTAATCCCTTGGCATCTCATTTAG 892  
QY 961 CCTCCAGATATCTCGGCTGGAAGTTTCACTACCAACCCACTGTGTGATAGAGGACGAA 1020  
Db 893 ATCCGCAATATGTGCTCTAGAGTCAATATGATATCCCACTTATGAGGAGGCTTAA 952  
QY 1021 AGACTCTCTAGGCAATCCGCTTTGACTACACAGCCAAAGCTCGGCGCTTCAACGCGGGA 1080  
Db 953 TAGATAATTTCTGGACTGAGGTTATTTTACACAAATGATATAAGGAAATATGATGCTGGG 1012  
QY 1081 TCATGGAGCTGGAGTGTGTACACGCGAGTGGCCATTTCCACCACGAGGAGACCGCT 1140  
Db 1013 TGATTGAGCTGGGCTCTGGGTGAGCTCTTCCATACCATCCCTCCAGGAGTGCCTGAGT 1072  
QY 1141 TCATCCTCACTGGCTACTGCACGGAAGTGCACCCAGCTGGCACTG-----CCTC 1191  
Db 1073 TCCAGTCTGAGGCTCAGCTGCTTTGGAGTGCCTGGAAGAGGCTCTGGAAGCCGAAAGC 1132  
QY 1192 CCTCGGGATCCATCTTCGCTCTCAGCTCCACACACCTGACTGGGAGAAAGGTGG 1251  
Db 1133 CAAGTGAATTCATGTGTTGCTGTTCTTCTTCTCCATGCTCACCCTGGCAGAGGATCA 1192  
QY 1252 TCACAGTGTGCTCGGAGCGCGGAGTGGGAGATCGTGAACCCAGGACAACTCACTACA 1311  
Db 1193 GCGTGCCTCATTTTGGAAAGGAGGAAATGAATTAATCTTGCCTATGATGATTTTG 1252  
QY 1312 GCGCTCACTTCAGAGATCCGATGTTGAAGAAGTCTGTGCTGGTCCATCCGCGAGATG 1371  
Db 1253 ACTTCAATTTCCAGGAGTTTCAAGTATCTAAAGGAAGAAACAACTTCTTACCAGAGATA 1312  
QY 1372 TGCCTCACTCTCTGACGTAGAACAGGAGAGCCGGAGCTGGCCACAGTGGGGGCT 1431  
Db 1313 ACCTAAATTTACTGAGTGTGCTTACAAACGAAAGATAGAGTGAATGACTTTGGGGAGGAC 1372



Qy 1432 TCGGATCTTGGAGGAGTGTGTCAACTACGTGCACTACTACC 1477  
Db 1373 TAAGCACCAGGAGTGAATGTGTCTCTCATACCTTCTTTATTACC 1418

RESULT 26

US-10-142-432-189  
; Sequence 189, Application US/10142432  
; Publication No. US20030134361A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C215  
; CURRENT APPLICATION NUMBER: US/10/142,432  
; CURRENT FILING DATE: 2002-05-09  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 189  
; LENGTH: 2150  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-142-432-189  
  
Query Match 5.4%; Score 146.8; DB 12; Length 2150;  
Best Local Similarity 47.3%; Pred. No. 1.2e-29;  
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;  
  
Qy 187 GCTACACCCAGGAGGCATCCATTTCCAGCTCTGTGTCGGAGGCTCAAGGCTGGCGTCC 246  
Db 119 GCTGAGCCAGCGGGGCGAGATCGCTTCGCCCTCCAGGTGCGGACTGCAAGGTACG 178  
  
Qy 247 TG---TTTGGGATGTCGACCGTGGGAGCTTGAGAACGAGATCTGTGGTGTCTCTGGA 303  
Db 179 TGGGCTTCGGCTTCTCGCCCAACGGGGCCATGGCGTCCGCCGACATCGTGTGGCGGGG 238  
  
Qy 304 CCATGGGACATGCTTATTTTGGGACCGCTGGAGTGACAGAGGGGCGATCCACC 363  
Db 239 TGGCCCAACGGGGCGCCCTACTCCAGGATTAATTTTCAAAATGCAAAATAGAGAGTTGAAA 298  
  
Qy 364 TGGATCCCAAGCAGGACTACCACTGTGTGAGGTGACAGAGGCCCCAGAGAGGCTGACCC 423  
Db 299 AAGATGCTCAGCAGATTAACATCATAGATATGCCATGGAATATAGCACACACATATA 358  
  
Qy 424 TGCTTTTCAAGAGCCCTTTGGACCTCGGACCCCAAGGATTAACCTCATTTGAAGACGGCA 483  
Db 359 TTGAATTTTACCAGAGAGCTCATACATGTGCATATAATGACAGAGTATAACGGATAGCA 418  
  
Qy 484 CTGTCCACTTGGTCTACGGGATCTGTGAGGAGCGGTTCGGTCACTGGAGGCCATCAAG 543  
Db 419 CTGTGAGAGTGATCTGGGCTTACCACCATGAAGATGAGGAGAGCTGGTCCCAAGTACC 478  
  
Qy 544 GCTCGGCGCTGAGATGGGCTGACAGAGGTGAGCTCTCTGAAGCCCAATATCCCGAAC 603  
Db 479 ---ATGACTCAATAGGGGACCAAGAGTTTGGGTTATTGAAATCTCTGAGAAAC---TA 532  
  
Qy 604 CGGAGTTGGCCCTCAGACGGGTGCACCATGAGGTCCAAAGCTCCCAATATCCAGATCCCCA 663

Db 533 GTGTGCTATCTACAGCCTTACCATACCTTGTGATCTGGTAAATCAGGAGCTGCCATCCAA 592  
Qy 664 GCAGAGAGACCACTACTGTGTGTACATTAAGGAGCTTCCAAAGGGCTTCTCTCGGACC 723  
Db 593 ACAAGATACAACATATTGGTGCCAAATGTTTAAAGATTCTGTGTTCCAAAGAAAGCATC 652  
Qy 724 ACATTATCAAGTACGAGCCCATCTGTCACCAAGGCAATGAGGCCCTTGTCTCCACCACTGG 783  
Db 653 ATGTAATAAAGGTTGAGCCAGTGATACAGAGAGCCATGAGAGTCTGGTGCACCACTCC 712  
Qy 784 AAGTCTTCCAGTGGGCCCCGA---GATGGACAGCGTCCGCCACTTTCAGCGGGGCCCTGGC 840  
Db 713 TGCTCTATCAGTGCAGCAACAACCTTTAAACGACACGCTTCTGGAGTCCGGGCCACGAGTCT 772  
Qy 841 ACTCCAAGATGAACCCGCGCTCAACTACTGCCGCCAGCTGTCTGGCGCCCTGGGCCCC 900  
Db 773 ATCACCCCAACATGCCGATGCAATCTCTACCTGTGAAACTGTGATTTTGGCTGGGGCTA 832  
Qy 901 TGGGTGCCAAGGCATTTTACTACCCAGAGAGCGCGCTTGCCTTCGGGGGTCCAGGGT 960  
Db 833 TTGGTGGAGAGGGCTTTTCTTATCCACTCATGTTGGATTATCCCTTGGCACTCCATTAG 892  
Qy 961 CTTCCAGATATCTCGGCTGGAAAGTTCACTACCAACAACCACTGGTGTGATGAAGAGCGAA 1020  
Db 893 ATCCGCATATTGTGCTCTAGAAAGTCCATTATGATAATCCCACTTATGAGAGAGGCTTAA 952  
Qy 1021 ACAGCTCTCAGGCATCGCTTGTACTACACAGCAAGCTGCGGGCTTCAACCGGGGA 1080  
Db 953 TAGATAATTTCTGGACTGAGGTTATTTTACACAATGAGATATAAGGAAATATGATGCTGGG 1012  
Qy 1081 TCATGGAGCTGGGACTTTCGCTCTCAGCTCCACACACACACCTGACTGGGAGAGAGTGG 1251  
Db 1013 TGATGGAGCTGGCTCTGGGTGAGCTCTTCCATACCATCCCTCCAGGAGTGCCTGAGT 1072  
Qy 1141 TCATCTCTACTGGCTACTGCACCGGACAAAGTGCACCCAGCTGGGCACTG-----CCTC 1191  
Db 1073 TCCAGTCTGAGGGTCACTGCATCTTGGAGTGCCTGGAAGAGGCTCTGGAAGCCGAAAGC 1132  
Qy 1192 CTTCCGGGATCCACATCTTTCGCTCTCAGCTCCACACACACACCTGACTGGGAGAGAGTGG 1251  
Db 1133 CAAGTGGAAATTCATGTGTTTGTGTTCTTCTCCATGCTCACCTGGCTGGCAGAGGCATCA 1192  
Qy 1252 TCACAGTGTGTCGCGGACGGCGGAGTGGGAGATCGTGAACACAGCAATCACTACA 1311  
Db 1193 GGCTGGCTCATTTTCGAAAGGGAAGGAATGAATTTACTTGTCTATGATGATTTTG 1252  
Qy 1312 GCCTCACTTCCAGGAGATCCGCATGTTGAAGAGGTGCTGTGCGTCCATCCGAGAGATG 1371  
Db 1253 ACTTCAATTTCCAGGAGTTTCAGTATCTAAAGGAAGAAACAACAATCTTACCAGAGATA 1312  
Qy 1372 TGCTCATACCTCTGCAGTACACACAGGAGACCGGGAGCTGGCCACAGTGGGGGGCT 1431  
Db 1313 ACCTAATTAAGTGTGCTACACACGAAAGATAGAGCTGAGATGACTTGGGGAGGAC 1372  
Qy 1432 TCGGAGTCTGGAGGAGATGTTGTCAACTACCTGCACTACTACCC 1477  
Db 1373 TAAGCACCAGGAGTGAATGTGTCTCTCATACCTTCTTTATTACC 1418

RESULT 27

US-10-142-767-189  
; Sequence 189, Application US/10142767  
; Publication No. US20030134362A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330RIC241  
CURRENT APPLICATION NUMBER: US/10/142,767  
CURRENT FILING DATE: 2002-05-10  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 189  
LENGTH: 2150  
TYPE: DNA  
ORGANISM: Homo Sapien  
US-10-142-767-189

Query Match 5.4%; Score 146.8; DB 12; Length 2150;  
Best Local Similarity 47.3%; Pred. No. 1.2e-29;  
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

Qy 187 GCTACACCCAGGAGCCATCCATTCCAGCTCTCTGGTGGCGAGGCTCAAGGCTGGCGTCC 246  
Db 119 GCTGGAGCCAGCGGGCAGCCAGATCGCTTCGCCCTCCAGGTGCGCAGCTGCGAGGTACG 178  
Qy 247 TG----TTTGGGATGTCGACCGTGGCGAGCTTGAGAACCGAGATCTCGTGGTCTCTGGA 303  
Db 179 TGGGCTTCGGCTTCTCGCCACCGGGGCCATGGCGTCCGCCAGATCGTGTGGCGGGG 238  
Qy 304 CCGATGGGACACTGCTATTTCGCGACCGCTGGAGTGCACAGAGGGGCGATCCACC 363  
Db 239 TGGCCACAGCGGGCCCTCCTCCAGGATTAATTACAAATGCMAATAGAGAGTTGAAAA 298  
Qy 364 TGGATCCCCAGCAGGACTACAGCTGCTGCAGGTGCAGAGGACCCAGAGGCGCTGACCC 423  
Db 299 AAGATGCTCAGCAAGATTACCAATAGAAATAGCCATGGAAATAGCACACACACATAA 358  
Qy 424 TGCTTTTCAAGAGCCCTTTGGGACCTGCGACCCCAAGGATTAACCTCATTTGAAGACGGA 483  
Db 359 TTGAATTTACAGAGAGCTGCATACATGTGCATATAATGACAAAGATATAACGGATAGCA 418  
Qy 484 CTGTCCACTTGGTCTACGGGATCCTGGAGGAGCGGTTCCGGTCACTGGAGGCCATCAAGC 543  
Db 419 CTGTGAGAGTGATCTGGGCTACACCATGAATGCAGAGAGGCTGTGTCCTCCAGTACC 478  
Qy 544 GCTCGGCGCTGCAGATGGGCTGCAGAGGTGCAGCTCTGAAAGCCCAATATCCCGGAAC 603  
Db 479 ---ATGACTCCAATAGGGGCACCAAGAGTTTGGGTTATTGAATCTGAGAAAC---TA 532  
Qy 604 CGGAGTTGCCCTCAGAGCGGTGCACCATGAGGTCCAAGTCCCAATATCCAGATCCCA 663  
Db 533 GTGTGCTATCTACGCGCTTACCATACTTTGATCTGGTAAATCAGGACGCTCCCATCCCAA 592  
Qy 664 GCAGGAGACCACTGCTGTGTACATTAAGAGCTTCCAAAGGCTTCTCTCGGCACC 723  
Db 593 ACAAGATACACATATGGTGCAATGTTTAAGATTCCTGTGTTCAGAAAGACATC 652  
Qy 724 ACATTTAAGTAGACGCCATGCTGCACCAAGGCAATGAGCCCTTTGTCACCCACATGG 783  
Db 653 ATGTAATAAGGTTGAGCCAGTGATACAGAGAGGCCATGAGAGTCTGTGTGACCCACATCC 712  
Qy 784 AAGCTTTCAGTGCAGCCCGCCGA---GATGACAGGCTCCCGCACTTCAGCGGCCCTGG 840  
Db 713 TGTCTTCTCAGTGACACAACTTTAAACGAGCGGTTCTGGAGTCCCGGCCACGAGTGCT 772  
Qy 841 ACTCCAAAGATGAACCCGACCGGCTCACTACTGCGCCACGCTGCTGGCGGCTGGGGCC 900  
Db 773 ATCACCCCAACATGCCCGATGCTCCTCACCTGTGAATGTGATTTTGGCTGGGCTA 832

Qy 901 TGGTGCCCAAGGCATTTTACTACCCAGAGGAAGCCGCGCTTCGCTTCGGGGGTCCAGGGT 960  
Db 833 TTGGTGGAGAGGCGCTTTTCTTATCCACCTCACTGTTGGATATATCCCTTGGCATCTCCATTAG 892  
Qy 961 CTCCAGATATCTCCGCTTGGAGTTTCACTACCAACCCACTGGTGTAGTAGAAGACGAA 1020  
Db 893 ATCCGCATTTATGTCTCTAGAAAGTCCATTATGATAATCCCACTTATAGGAAGGCTTAA 952  
Qy 1021 AGACTTCCTCAGGCATCCGCTTGTACTACACAGCAAGCTGCGGCGCTTCAACGCGGGA 1080  
Db 953 TAGATAATTTCTGGACTGAGGTTATTTTACCAATGATATAGGAATAATGATGCTGGGG 1012  
Qy 1081 TCATGAGCTGGGACTGGTGTACAGCCAGTGTGCGCATTCACCAAGGAGAGCCGCT 1140  
Db 1013 TGATTTGAGGCTGGCGCTCTGGGTGAGCTCTTCCATACCATCCCTCCAGGATGCTGAGT 1072  
Qy 1141 TCATCTCTACTGGCTACTGCAGGCAAGTGCACCCAGCTGGCACTG-----CCTC 1191  
Db 1073 TCCAGTCTGAGGCTCACTGCACCTTTGGAGTGGCTTGGAAAGAGGCTCTGGAAGCCGAAAGC 1132  
Qy 1192 CTTCCGGGATCCACATCTTTCGCTCTCAGCTCCACACACACTGACTGGGAGAAAGTGG 1251  
Db 1133 CAAGTGGAAATTCATGTTTGTCTTCTTCTCCATGCTCACTGGCTGGCAGAGCATCA 1192  
Qy 1252 TCAGAGTGTGTGTCGGGACGGCCGGAGTGGGAGATCGTGAACCGAGGACAACTACTACA 1311  
Db 1193 GGTCTCGTCAATTTTCGAAAAGGGAAGAAATGAAATTAATTTGCTTATGATGATTTTG 1252  
Qy 1312 GCGCTCACTTCAGGAGATCCGATGTTTGAAGAGGTGCTGTGCTCGTCCATCGGAGATG 1371  
Db 1253 ACTTCAATTTCCAGAGGTTTCAAGTATCTAAAGGAGAAACAAACAATCTTACCAGGAGATA 1312  
Qy 1372 TGCTCATCACTCTTCACGTACAAACGGAAGACCGGAGCTGGCCACAGTGGGGGGCT 1431  
Db 1313 ACCTAAATTAATGAGTGTGCTTACAAACACGAAAGATAGAGCTGAGATGACTTTGGGAGGAC 1372  
Qy 1432 TCGGGATCCTGGAGAGATGTTGTCAACTAGCTGCACTACTACC 1477  
Db 1373 TAAGCACCAGGAGTGAATGTCTCTCATACCTTCTTTATTATACC 1418

## RESULT 28

US-10-143-033-189  
; Sequence 189, Application US/10143033  
; Publication No. US20030134363A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330RIC246  
CURRENT APPLICATION NUMBER: US/10/143,033  
CURRENT FILING DATE: 2002-05-10  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 189  
LENGTH: 2150

; TYPE: DNA		
; ORGANISM: Homo Sapien		
US-10-143-033-189		
Query Match		5.4%; Score 146.8; DB 12; Length 2150;
Best Local Similarity		47.3%; Pred. No. 1.2e-29;
Matches 616; Conservative		0; Mismatches 667; Indels 21; Gaps 5;
Qy	187	GCTACACCCAGGAGCCATCCATTTCCAGCTCTCTGGTCCGAGGCTCAAGGCTCGCGTCC 246
Db	119	GCTGAGCCAGCGGGCAGCCAGATCGCTTCCGCTCCAGGTGCGCACTGCAGGCTACG 178
Qy	247	TG---TTTGGGATGTCGACCGTGGGAGCTTGAGAACGAGATCTCGTGTGCTCGGA 303
Db	179	TGGGCTTCGGCTTCTCGCCACCGGGGCCATGGCGTCCGCGACATCGTGTGGCGGGG 238
Qy	304	CCGATGGGACACTGCTATTTTGGGACGCGCTGGAGTGACCAAGGGGCGAGTCCACC 363
Db	239	TGGCCACGGGCGCCCTACCTCCAGGATTAATTTTACAAATGCAAAATAGAGAGTTGAAA 298
Qy	364	TGGATCCCCAGCAGGACTACCAAGCTGCTGCAGGTGCAGAGGACCCAGAGGCGCTGACCC 423
Db	299	AAGATGCTCAGCAGATTAACATCTAGAAATATGCCATGGAAATAGCACACACATAA 358
Qy	424	TGCTTTTCAAGAGCCCTTTGGCACCTGCGACCCCAAGGATTACCTCATTTGAAGACGCA 483
Db	359	TTGAAATTTACAGAGAGCTGCATACATGTGACATAAATGACAGAGTATAACGGATAGCA 418
Qy	484	CTGTCCACTTGGTCTACGGGATCTCTGGAGGACCGTTCCGGTCACTGAGGCCATCAAG 543
Db	419	CTGTGAGAGTGATCTGGGCTTACCACCATGAAGATGAGGAGAGCTGGTCCCAAGTACC 478
Qy	544	GCTCGGCGCTGCAGATGGGCGTGCAGAGGTGCAGCTCTGGAAGCCCAATATCCCCGAAC 603
Db	479	---ATGACTCCATAGGGGACCAGAGATTTCGGTTATTGAATCTCGAGAAAC---TA 532
Qy	604	CGGAGTTGCCCTCAGACGCGTGCACCATGAGAGTCCAAAGTCCCAATATCCAGATCCCCA 663
Db	533	GTGTGCTATCTACAGCCTTACCATACTTGTATCTGGTAAATCAGGACGTCCCCATCCAA 592
Qy	664	GCAGGAGACCGTACTGTGTCTACATTAAGAGCTTCCAAAGGGTCTCTCGGCACC 723
Db	593	ACAAAGATACAACATATGGTGCCAAATGTTTAAGATTCTGTGTTCCAAGAAAGCATC 652
Qy	724	ACATTATCAAGTAGAGCCATCGTCCACAGGCAATGAGGCCCTTGTCCACCACATGG 783
Db	653	ATGTATTAAGATTGACCGAGTATACAGAGGCCATGAGTCTGGTGACCAATCC 712
Qy	784	AAGTCTTCCAGTGGCCCCCGA---GATGGACACGCTCCCCCACTTCAGCGGGCCCTGCG 840
Db	713	TGCTCTATCAGTCAGCAACAACATTTTAAACGACAGCGTTCTGGAGTCCGGCCACGAGTGCT 772
Qy	841	ACTCCAAGATGAACCCGACGGCTCAACTACTGCGGCCACGCTGCGCCGCTCGGGCCC 900
Db	773	ATCACCCCAACATGCCCGATGSCATTCTCACTGTGAACTGTGATTTTGGCTGGGCTA 832
Qy	901	TGGTGTCCAAGGCATTTTACTACCCAGGAGCGCGCTTGCCTTCGGGGGTCCAGGT 960
Db	833	TTGGTGAGAGGGCTTTCTTATCCACTCATGTTGGATTATCCCTTGGCACTCCATTAG 892
Qy	961	CTCCAGATATCTCGGCTGGAAAGTTCACTACCAACACCCACTGGTGATAGAAAGGACGAA 1020
Db	893	ATCGCATTTATGTCTCTAGAGTCCATTATGATATATCCACTTATGAGNAGGCTTAA 952
Qy	1021	ACACTCCTCAGGATCCGCTTGTACTACAGCAGCAAGCTGGCGCGCTTCAACCGGGGA 1080
Db	953	TAGATAATCTCGACTGAGGTTATTTTACAAATGGAATATAAGAAATATGATGCTGGGG 1012
Qy	1081	TCATGAGCTGGGACTGGTGTACAGCGCAGTGATGGCCATTCCACCACGGGAGCCGCT 1140
Db	1013	TGATTAGGCTGGCTCTGGGTGAGCCTCTTCCATACCATCCCTCCAGGAGTCCGTGAGT 1072
Qy	1141	TCATCCTCACTGGCTACTGCACGGACAAGTGCAACCCAGCTGGCACTG-----CCTC 1191

RESULT 29

US-10-144-994-189  
; Sequence 189, Application US/10144994  
; Publication No. US20030134364A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Deenovers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary B.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C257  
; CURRENT APPLICATION NUMBER: US/10/144,994  
; CURRENT FILING DATE: 2002-05-13  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059836  
; PRIOR FILING DATE: 1997-09-24

Db	1073	TCCAGTCTGAGGGTCACTGCACATTGGAGTGCCTGGAGAGGCTCTGGAAGCCGAAAAGC 1132
Qy	1192	CTTCGGGATCCACATCTTTCGCTCTCAGCTCCACACACACCTGACTGGGAGAAAGGTGG 1251
Db	1133	CAAGTGAATTCATGTGTTTGTCTTCTTCCATGTCTACCTGGCTGGCAGAGGCATCA 1192
Qy	1252	TCACAGTGTCTGGTCCGGAGCGCGGAGTGGGAGATCGTGAACGAGGACAATCACTACA 1311
Db	1193	GGCTGCGTCAATTTTCGAAAGGGAAGGAATTAATTAATTTACTTTCCTATGATGATTTTG 1252
Qy	1312	GCCCTCACTTCCAGGAGATCCGATGTTGAAGAAGGTGCTGTCGGTCCATCCGGGAGATG 1371
Db	1253	ACTTCAATTTCCAGGAGTTTCAGTATCTAAAGGAAGAACAAACAATCTTACCAGAGATA 1312
Qy	1372	TGCTCATCACTCTCTGCACGTACAACACGGAAGACCGGGAGCTGGCCACAGTGGGGGCT 1431
Db	1313	ACCTAATTAATGAGTGTGCTTACAAACACGAAGATGAGCTGAGATGACTTGGGGAGGAC 1372
Qy	1432	TCGGGATCTGGAGGAGATGTGTCAACTACGTGCACTACTACCC 1477
Db	1373	TAAGCACCAGAGTGAATGTCTCTCATACCTCTTTTATTACCC 1418

	PRIOR APPLICATION NUMBER:	60/062250
	PRIOR FILING DATE:	1997-10-17
	PRIOR APPLICATION NUMBER:	60/062285
	PRIOR FILING DATE:	1997-10-17
	PRIOR APPLICATION NUMBER:	60/062287
	PRIOR FILING DATE:	1997-10-17
	PRIOR APPLICATION NUMBER:	60/062814
	PRIOR FILING DATE:	1997-10-24
	PRIOR APPLICATION NUMBER:	60/062816
	PRIOR FILING DATE:	1997-10-24
	PRIOR APPLICATION NUMBER:	60/063045
	PRIOR FILING DATE:	1997-10-24
	PRIOR APPLICATION NUMBER:	60/063082
	PRIOR FILING DATE:	1997-10-31
	PRIOR APPLICATION NUMBER:	60/063127
	PRIOR FILING DATE:	1997-10-24
	PRIOR APPLICATION NUMBER:	60/063327
	PRIOR FILING DATE:	1997-10-27
	PRIOR APPLICATION NUMBER:	60/063329
	PRIOR FILING DATE:	1997-10-27
	PRIOR APPLICATION NUMBER:	60/063350
	PRIOR FILING DATE:	1997-10-28
	PRIOR APPLICATION NUMBER:	60/063561
	PRIOR FILING DATE:	1997-10-28
	PRIOR APPLICATION NUMBER:	60/063704
	PRIOR FILING DATE:	1997-10-29
	PRIOR APPLICATION NUMBER:	60/063733
	PRIOR FILING DATE:	1997-10-29
	PRIOR APPLICATION NUMBER:	60/063735
	PRIOR FILING DATE:	1997-10-29
	PRIOR APPLICATION NUMBER:	60/063738
	PRIOR FILING DATE:	1997-10-29
	PRIOR APPLICATION NUMBER:	60/063755
	PRIOR FILING DATE:	1997-10-17
	PRIOR APPLICATION NUMBER:	60/063846
	PRIOR FILING DATE:	1997-11-17
	PRIOR APPLICATION NUMBER:	60/063634
	PRIOR FILING DATE:	1997-11-21
	PRIOR APPLICATION NUMBER:	60/063648
	PRIOR FILING DATE:	1997-11-07
	PRIOR APPLICATION NUMBER:	60/065186
	PRIOR FILING DATE:	1997-11-12
	PRIOR APPLICATION NUMBER:	60/065846
	PRIOR FILING DATE:	1997-11-17
	PRIOR APPLICATION NUMBER:	60/063634
	PRIOR FILING DATE:	1997-11-21
	PRIOR APPLICATION NUMBER:	60/066453
	PRIOR FILING DATE:	1997-11-24
	PRIOR APPLICATION NUMBER:	60/066511
	PRIOR FILING DATE:	1997-11-24
	PRIOR APPLICATION NUMBER:	60/066770
	PRIOR FILING DATE:	1997-11-24
	PRIOR APPLICATION NUMBER:	60/069212
	PRIOR FILING DATE:	1997-12-11
	PRIOR APPLICATION NUMBER:	60/069278
	PRIOR FILING DATE:	1997-12-11
	PRIOR APPLICATION NUMBER:	60/069334
	PRIOR FILING DATE:	1997-12-11
	PRIOR APPLICATION NUMBER:	60/069694
	PRIOR FILING DATE:	1997-12-16
	PRIOR APPLICATION NUMBER:	60/072320
	PRIOR FILING DATE:	1998-01-23
	PRIOR APPLICATION NUMBER:	60/073612
	PRIOR FILING DATE:	1998-02-04
	PRIOR APPLICATION NUMBER:	60/074086
	PRIOR FILING DATE:	1998-02-09
	PRIOR APPLICATION NUMBER:	60/074092
	PRIOR FILING DATE:	1998-02-09
	PRIOR APPLICATION NUMBER:	60/077791
	PRIOR FILING DATE:	1998-03-12
	PRIOR APPLICATION NUMBER:	60/078910
	PRIOR FILING DATE:	1998-03-20
	PRIOR APPLICATION NUMBER:	60/079294
	PRIOR FILING DATE:	1998-03-25
	PRIOR APPLICATION NUMBER:	60/079663

;; PRIOR APPLICATION NUMBER: 60/090863  
;; PRIOR FILING DATE: 1998-06-26  
;; PRIOR APPLICATION NUMBER: 60/091360  
;; PRIOR FILING DATE: 1998-07-01  
;; PRIOR APPLICATION NUMBER: 60/091519  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091982

Query Match 5.4%; Score 146.8; DB 12; Length 2150;  
Best Local Similarity 47.3%; Pred. No. 1.2e-29;  
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

Qy 187 GCTACACCCAGGAGCCATCCATTTCCAGTCTCTGGTGGGAGCTCAAGGCTGCGTCC 246  
Db 119 GCTGAGAGCCAGCGGGCAGCAGATCGCTTCCGCTCCAGTGCAGCTGCGAGCTACG 178  
Qy 247 TG---TTTGGATGCTCCGACCGTGGCGAGCTTGAGACGCGAGATCTCGTGTGCTCGGA 303  
Db 179 TGGGCTTCGGCTTCTCGCCACCGGGGCCATGGCGTCCGCGGACATCGTGTGGGGGGG 238  
Qy 304 CCGATGGGACACTGCCTATTTTCCGGACGCTCGAGTGACCAAGAGGGGAGATCCACC 363  
Db 239 TGGCCACGGGGCCCTACTCCAGGATATTTTCAATGCAATAGAGATTGAAA 298  
Qy 364 TGGATCCCGACGAGACTACAGCTGTGCGAGTGCAGAGACCCCAAGAGGCTGACCC 423  
Db 299 AAGATGCTCAGCAAGATTACCATCTAGAATATGCCATGGAAATAGCACACACATAA 358  
Qy 424 TGCTTTTCAAGAGCCCTTTGGACCTTGGACCTCGACCCCAAGGATTAATCTATTGAAGACGCA 483  
Db 359 TTGAATTTACAGAGAGCTGCATACATGTGCATATAAATGCAAGAGTATAACGGATAGCA 418  
Qy 484 CTGTCCACTTGGTCTACGGGATCTCGAGGAGCGTTCCTCGTCACTCGAGGCCATCAACG 543  
Db 419 CTGTGAGAGTGAICTGGGCTTACCACTGAGATGAGATGAGAGAGCTGGTCCCAAGTACC 478  
Qy 544 GCTCGGGCTCGAGATGGGCTGCAGAGGTGCGAGCTCTCTGAAGCCCAATATCCCCGAAC 603  
Db 479 ---ATGACTCCAAATAGGGGCACCAAGATTGGGGTTATTGAATCTCTGAGAAAC---TA 532  
Qy 604 CGGAGTTGCCCTCAGACGGCTGCACCATGAGGTCCAAAGTCCCAAGTCCCAATATCAGATCCCA 663  
Db 533 GTGTGCTATACAGCCCTTACCATACTTGTATCTGTAATATCAGGAGCTCCCATCCCA 592  
Qy 664 GCAGGAGACACACTACTGTGTGTACATAAAGGAGCTTCCAAAGGGCTTCTCTCGGCACC 723  
Db 593 ACAAGATACAATATGTTGGTCCAAATGTTAGATTCCTGTGTTCCAAAGAAAGATC 652  
Qy 724 ACATTATCAAGTAGAGCCCATCGTCAACCAAGGCAATGAGGCCCTTTGTCCACCATGG 783  
Db 653 ATGTAATAAAGTTGAGCCAGTGATACAGAGAGGCCATGAGAGTCTGTGTCACCATCC 712  
Qy 784 AGTCTTCAGTGGGCCCCGA---GATGACAGCTGCCCCACTTTCAGGGGGCCCTGGG 840  
Db 713 TGCTCTATCAGTCAGCAACAACCTTTAACACAGCGTCTCTGGAGTCCGGCCACGAGTGCT 772  
Qy 841 ACTCCAAGATGAACCCGCGCTCAACTACTCGCCGACGCTGCTGCGGCGCTGGGCC 900  
Db 773 ATCAACCCCACTGCCCGATGATCTTCACTTGTGAATCTGTAATTTTGGCTTGGGCTA 832  
Qy 901 TGGGTGCCAAGGCAATTTTACTACCCAGAGGAGCGGCCCTTGGCTTGGGGGGTCCAGGGT 960  
Db 833 TTGGTGGAGAGGGCTTTCTTATCCACCTCATGTGTTGATTAATCCCTTGGCACTCCATTAG 892  
Qy 961 CTTCAGATATCTCGGCTCGAAGTTCACTACCAACACCACTCGGTGATGATGAGGAGCA 1020  
Db 893 ATCCGCAATATGTGCTCTAGAAGTCCATTAATGATAATCCCACTTATGAGAAAGGCTTAA 952  
Qy 1021 ACAGCTCTCAGGATCCGCTTGTACTACAGCCAGCTGCGGCGCTTCAACCGGGGA 1080  
Db 953 TAGATAATCTCGAGCTGAGGTATTTTACACAATGATATGAGAAATATGATGCTGGGG 1012  
Qy 1081 TCATGGAGCTGGGACTGGTGTACACGCCAGTGTGGCCATTCCACCGGAGACCGCCT 1140

Db 1013 TGATTGAGGCTGGGCTCTGGGTGAGCCTCTTCCATACCATCCCTCCAGGATGCTGAGT 1072  
Qy 1141 TCATCTCTCACTGGCTACTGGACGACAAAGTGCACCCAGCTGGCACTG-----CCTC 1191  
Db 1073 TCCAGTCTGAGGGTCACTGCACATTTTGGAGTGCCTGGAGAGGGCTTGGAAACCGGAAAGC 1132  
Qy 1192 CCTCCGGATCCACATCTTGGCCCTCTCAGCTTCCACACACACACTGACTGGGAGAAAGTGG 1251  
Db 1133 CAAGTGAATTCATGTGTTTGGCTTCTTCCATGTCTCCTGCTGGCAGAGGCATCA 1192  
Qy 1252 TCACAGTGTGGTCCGGACGCGGAGTGGGAGATCGTGAAACAGGACAAATCACTACA 1311  
Db 1193 GGCTGCGCTCATTTTCGAAAGGGAAGAAATGAAATTAATTCCTATGATGATGATTTG 1252  
Qy 1312 GCCTCACTTCCAGGAGATCCGATGTTGAGAGGTGCGTGGTCCATCGGGAGATG 1371  
Db 1253 ACTTCAATTTTCCAGGAGTTCAGTATCTTAAGGGAAGAAACAAATCTTACCAGAGATA 1312  
Qy 1372 TGCTCATCACCTCTCTGCACGTACAAACAGGAAGACCGGAGCTGGCCACAGTGGGGGCT 1431  
Db 1313 ACCTAATTAATGAGTGTGCTACACACAGGAAGATAGAGTGAATGACTTGGGGAGGAC 1372  
Qy 1432 TCGGATCTCGAGGAGATGTGTCTCAACTACGTGCACTACTACCC 1477  
Db 1373 TAAGCACAGGAGTGAATGTCTCTCATACCTTCTTTATTACCC 1418

## RESULT 30

US-10-145-628-189  
; Sequence 189, Application US/10145628  
; Publication No. US20030134365A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P330R1C271  
; CURRENT APPLICATION NUMBER: US/10/145, 628  
; CURRENT FILING DATE: 2002-05-14  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 189  
; LENGTH: 2150  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-145-628-189

Query Match 5.4%; Score 146.8; DB 12; Length 2150;  
Best Local Similarity 47.3%; Pred. No. 1.2e-29;  
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

Qy 187 GCTACACCCAGGAGCCATCCATTTCCAGTCTCTGGTGGGAGCTCAAGGCTGCGCTCC 246  
Db 119 GCTGAGAGCCAGCGGGCAGCAGATCGCTTCCGCTCCAGGTGCGCACTGCGAGGCTACG 178  
Qy 247 TG---TTTGGGATGTCGACCGTGGCGAGCTTGAGAAACGAGATCTCGTGTGCTCTGGA 303

Db 179 TGGGCTTCGGCTTCTCGCCACCGGGGCCATGGCGTCGCCGACATCGTCTGGGCGGG 238  
Qy 304 CGGATGGGACACTCGCTATTTTGGGAGCGCTGAGTGACGAGAGGGGAGATCCACC 363  
Db 239 TGGCCACCGGGCGGCTTACCTCCAGGATTTATTTTACAAATGCAAAATAGAGATTGAAA 298  
Qy 364 TGGATCCCCAGCAGGACTACCACTGCTGCGAGGTGCGAGGACCCGAGAGGCTGAGCC 423  
Db 299 AAGATGCTCAGCAAGATTACCATCTAGAAATATGCCATGGAANAATAGCACACATAA 358  
Qy 424 TGCCTTTCAAGAGGCTTTGGCCTCGGACCCCAAGGATTACCTCATTTGAAGACGCA 483  
Db 359 TTGAATTTACAGAGAGCTGCATATCTGACATAAATGACAAGATATACGGATAGCA 418  
Qy 484 CTGTCCACTTGTCTACGGGATCTCTGGAGGAGCGCTTCGGTCACTGAGGCCATCAAG 543  
Db 419 CTGTGAGAGTATCTGGGCTTACCAATGAGATGCAAGAGAGCTGGTCCCAAGTACC 478  
Qy 544 GCTCGGGCTCGAGATGGGGCTGCAGAGGTGCGAGCTCTGAAGCCCAATATCCCCGAAC 603  
Db 479 ---ATGACTCTCAATAGGGGCCCAAGAGCTTTGCGGTTATTGAATCCTCAGAAAC---TA 532  
Qy 604 CGGAGTCCCTCAGACCGGTCACATGAGAGTCCAAAGTCCCAATATCCAGATCCCA 663  
Db 533 GTGTGCTATCTACAGCTTACCATCTTGTATCTGGTAAATCAGAGCTCCCATCCAA 592  
Qy 664 GCCAGGACACGCTACTGTGTCTACATTAAGGAGCTTCCAAAGGCTTCTCTCGGACC 723  
Db 593 ACAAGATACACATATTTGGTCCAAATGTTTAAAGATCTCTGTGTTCCAAAGAAAGATC 652  
Qy 724 ACATTATCAAGTACGAGCCCATCTGCAACCAAGGCAATGAGGCCCTTGTCCACCATGG 783  
Db 653 ATGTAATAAAGGTTGAGCCAGTGATACAGAGGCCATGAGAGTCTGTGTCCACCATCC 712  
Qy 784 AAGTCTTCCAGTGGCCCCGA---GATGACAGCTTCCCACTTCCAGGGGCGCTGG 840  
Db 713 TGCTCTATCAGTGAGCAACAACTTTAACGACAGCTTCTGGAGTCCGGCCACGAGTGCT 772  
Qy 841 ACTCAAGATGAACCCGACCGCTCAACTACTGCGGCCACGCTGCGCGCTCGGCCCC 900  
Db 773 ATCACCCCAACATGCCGATGCTTCTCCTCCTGTGAACTGTGATTTTGGCTGGGCTA 832  
Qy 901 TGGGTGCCAAGGATTTTATACCCAGGAGAACCGGCTTGGCTTCCGGGGTCCAGGGT 960  
Db 833 TTGGTGAGAGGGCTTTTCTTATCCACTATGTTGATTTATCCCTTGGCACTCCATTAG 892  
Qy 961 CCTCCAGATATCTCGGCTGGAGTTCACTACCAACCACTGCTGATAGAGGACGAA 1020  
Db 893 ATCCGATTAATGTCTCTAGAGTCCATTATGATATCCCATCTTATGAGGAAGGCTTAA 952  
Qy 1021 ACGACTCCTCAGGATCCGCTTGTACTACACGCAAGCTGCGGCGCTTCAACGCGGGA 1080  
Db 953 TAGATAATTTCTGACTGAGGTTATTTTACAAATGGATATAAGAAATATGATGCTGGG 1012  
Qy 1081 TCATGGAGCTGGGACTGGTGTACCGCAGTATGCGCATTCACCAAGGAGACCGCT 1140  
Db 1013 TGATTGAGGCTGGGCTTGGGTGAGCTCTTCCATACCACTCCCTCAGGAGTGCCTGAGT 1072  
Qy 1141 TCATCTCTCACTGCTACTCGCAAGCAAGTGCACCCAGCTGCGCACTG-----CCTC 1191  
Db 1073 TCCAGTCTGAGGCTCACTGACTTTGGAGTGGCTTGAAGAGGCTCTGGAAGCGGAAAGC 1132  
Qy 1192 CTCCGGGATTCACATCTTCGCTCTCAGCTCCACACACACCTGACTGGGAGAAAGTGG 1251  
Db 1133 CAAGTGAATTCATGTGTGTGTGTCTTCTCCATGCTCACCTGCTGCGAGGATCA 1192  
Qy 1252 TCACAGTGTGTGTCGGGAGCGGAGTGGGAGATCGTGACCAAGGACATCACTACA 1311  
Db 1193 GGCTGGTCAATTTCCAAAGGGAAGAAATGAATTAATTCCTATGATGATGATTTG 1252  
Qy 1312 GCCTCCTCCTCAGGAGATCCGATGTTGAAGAGGCTCGTGTCCGTCCATCCGGAGATG 1371  
Db 1253 ACTTCAATTTCCAGGAGTTTCACTATCTAAAGGAGAACAAACATCTTACCAGGAGATA 1312

Qy 1372 TGCTCATCACTCTCTGACGTACAAACACGGAACCGGAGCTGGCCACAGTGGGGGGCT 1431  
Db 1313 ACCTAATTTACTAGTGTGCTCAACACGAAAGATAGAGCTGAGATGACTTGGGAGGAC 1372  
Qy 1432 TCGGGATCTGGAGGAGATGTGTCAACTAGCTGACTACTACCC 1477  
Db 1373 TAAGCACAGGAGTGAATGTGTCTCTCATACCTCTTTTATTACCC 1418

RESULT 31

US-10-145-631-189  
; Sequence 189, Application US/10145631  
; Publication No. US20030138891A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C273  
; CURRENT APPLICATION NUMBER: US/10/145,631  
; CURRENT FILING DATE: 2002-05-14  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 189  
; LENGTH: 2150  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-145-631-189

Query Match 5.4%; Score 146.8; DB 12; Length 2150;  
Best Local Similarity 47.3%; Pred. No. 1.2e-29;  
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

Qy 187 GCTACACCCAGGAGGCCATCCATTTCCAGCTTCTGGTGGGAGGCTCAAGGCTGGCGTCC 246  
Db 119 GCTGGAGCCAGGGGGAGCCAGATCGCTTCCGCTCCAGGTGGCAGCTGAGGTACG 178  
Qy 247 TG---TTTGGATGTCCGACCGTGGCGAGCTTTGAGAACGAGATCTCGTGTGCTCTGGA 303  
Db 179 TGGGCTTCGGCTTCTCGCCACCGGGGCCATGGCGTCCGCCGACATCGTCTGGGCGGG 238  
Qy 304 CGATGGGACACTGCCCTATTTTCGGACGCTGGAGTGACCAAGGGGCGAGATCCACC 363  
Db 239 TGGCCACGGGCGGCTTACCTCCAGGATTTATTTTACAAATGCAAAATAGAGAGTTGAAA 298  
Qy 364 TGGATCCCCAGCAGGACTTACCAGCTGTGAGGTGACAGAGCCCAAGAGGCTGACCC 423  
Db 299 AAGATGCTCAGCAAGATTACCATCTAGAAATATGCCATGGAANAATAGCACACACATAA 358  
Qy 424 TGCCTTTCAAGAGGCTTTGGCACCTTGGCACCCCAAGGATTACCTCATTTGAAGACGCA 483  
Db 359 TTGAATTTACAGAGAGCTGCATATGTGACATAAATGACAAGATATAACGGATAGCA 418  
Qy 484 CTGTCCACTTGTCTACGGGATCTGGAGGAGCGGTTCCGGTCACTGGAGGCGCATCAACG 543  
Db 419 CTGTGAGAGTATCTGGGCTTACCACTGAAGATGACAGGAGAGTGGTCCCAAGTACC 478



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Qy 544 GCTCGGCTTCAGATGGGCTGCAGAGGTGCAGCTCTCTGAAGCCCAATATCCCGAAC 603
Db ---ATGACTCCAATAGGGCCCAAGAGATTTCGGTATTGAATCCTGAGAAAC---TA 532
Qy 604 CGGAGTTGCCCTCAGACGCGTGCACCACTGAAGGTCCCAAGCTCCCAATATCCAGATCCCA 663
Db GTGTCTATCTACAGCCTTACCATACTTTGATCTGTGTAATCAGAGCTCCCAATCCCA 592
Qy 664 GCCAGGAGACACGTACTGTGCTACATAAGGAGCTTCCAAAGGGCTTCTCTCGGCACC 723
Db ACAAAGATACAAACATATTGGTGCCAAATGTTTAAGATTTCCTGTCTCAAGAAAGCATC 652
Qy 724 ACATTATCAAGTACAGGCCATCTGCACCAAGGGAATGAGGCCCTTGTCCACACATGG 783
Db ATGTAATAAAGGTTGAGCCAGTGTATACAGAGAGCCATGAGAGTCTGTGTCACACATCC 712
Qy 784 AAGTCTTCCAGTGGCCCGCA---GATGGACAGCTGCCCACTTCAGCGGGCCCTGGC 840
Db TGCTCTATCAGTGAGCAACAACTTTAAGCACGCTTTCGAGTCCGGCCACAGTGTCT 772
Qy 841 ACTCCAAGATGAACCCGACCGCTCAACTACTGCGCCAGCTGCTGCGGCCCTTGGGCC 900
Db ATCACCCCAACATGCCGATGCACTTCTCCTCTGAACTGTGATTTTTCCTGGGCTA 832
Qy 901 TGGTGCACAGGCAATTTATACCCAGAGGAGCCGCTTGGCTTCCGGGGTCCAGGGT 960
Db TTGGTGGAGAGGGCTTTTCTTATCCACTCATGTTGGATTATCCCTTGGCACTCCATTAG 892
Qy 961 CCTCCAGATATCTCGGCTGGAAGTTCACTACCAACACCACTGGTGTATAGAGGACGAA 1020
Db ATCGGCAATTATGCTCTTGAAGTCCATTATGATATATCCACTTATGAGGAGGCTTAA 952
Qy 1021 ACGACTCTCAGGCATCGCTTGTACTACACAGCAAGCTGCGGCGCTTCAACCGGGGA 1080
Db TAGATAATCTGAGTGAAGTTATTTACAAATGATATAAGAAATATGATCTGGG 1012
Qy 1081 TCATGAGCTGGGAGTGGTGATACAGCGAGTGATGGGCAATTCACACGGGAGACCGCT 1140
Db TGATTGAGGCTGGCTCTGGGTGAGCCTCTTCCATACCATCCCTCCAGGGATGCTGAT 1072
Qy 1141 TCATCCTCACTGGCTACTGCAGCGCAAGTGCCACCCAGCTGGCACTG-----CCTC 1191
Db TCCAGTCTGAGGTCACCTGACCTTTGGAGTGCCTTGGAGAGGCTCTGGAAGCCGAAAGC 1132
Qy 1192 CTTCCGGGATCCACATCTTGGCTCTCAGTCTCCACACACACCTGACTGGGGAAGGTGG 1251
Db CAAGTGAATTCATGTCTTGTCTTCTTCTCATGCTCACCCTGGCTGGCAGAGCATCA 1192
Qy 1252 TCACAGTGTGTCGGGACGGCGGAGTGGGAGATCGTGAAACAGGACAAATCACTACA 1311
Db GGCTGCTCATTTTCGAAAAGGGAAGGAATGAAATTAATTTACTTGCCTATGATGATTTG 1252
Qy 1312 GCCTCACTTCCAGGAGATCGCATGTTGAGAGGTGCTGTGCTCGGTCCATCCGGAGATG 1371
Db ACTTCAATTTCCAGAGTTCAGTATCTAAAGGAAGAACAAACAAATCTTACCAGGAGATA 1312
Qy 1372 TGCTCATCAGCTCTCGTCACTGTAACACGGAAGACCGGAGCTGGCCACAGTGGGGGCT 1431
Db ACCTAATTAAGTGTGCTGCTACACACGAAAGATAGAGCTGAGATGATCTTGGGAGGAC 1372
Qy 1432 TCGGGAATCCGGAGGAGATGTGTCAACTACGTGCACTACTACCC 1477
Db TAAGCACAGGAGTGAATGTGTCTCTCATACCTCTTTTATTATCCC 1418
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RESULT 32

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US-10-145-633-189
; Sequence 189, Application US/10145633
; Publication No. US2003013892A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
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; APPLICANT: Deenoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C291
; CURRENT APPLICATION NUMBER: US/10/145,633
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 189
; LENGTH: 2150
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-145-633-189
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Query Match 5.4% Score 146.8; DB 12; Length 2150;
Best Local Similarity 47.3%; Pred. No. 1.2e-29;
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

Qy 187 GCTACACCCAGGAGCCATCCATTTCCAGCTCTCTGTCGGAGGCTCAAGGCTGGCGTCC 246
Db 119 GCTGGAGCCAGCGGGCAGCAGATCGCTTCCGCTCCAGGTGGCAGCTGCAGGTACG 178
Qy 247 TG---TTTGGGATGTCGACCGGTGGAGTGGAGAACGACAGATCTCGTGTGTCTTGA 303
Db 179 TGGGCTTTCGGCTTCTGCCCAACCGGGCCATGGCGTCCGCGACATCGTCGTGGCGGG 238
Qy 304 CCATGGGGACACTGCTCTATTTCGCGACGCTTGGAGTGACCAAGGGGAGATCCACC 363
Db 239 TGGCCCAAGGGGCGCTTCTTCCAGGATTTATTTTCAAAATAGAGATTGAANA 298
Qy 364 TGGATCCCCAGCAGGACTTACAGCTGTGAGGTGTCAGAGGACCCAGAGGCTGACCC 423
Db 299 AAGATGCTCAGCAAGATTACCATCTAGAATATGCCATGGAATAATAGCACACACATAA 358
Qy 424 TGCTTTTCAAGAGGCCCTTTGGCACCTTGGACCCCAAGGATTAATCTATTGAAGACGGCA 483
Db 359 TTGAATTTACAGAGAGCTGCATACATGTGACATAAATGACAGAGTATAACGGATAGCA 418
Qy 484 CTGTCCACTTGGTCTACGGGATCTCTGGAGGAGCGGTTCCGGTCACTGGAGGCCATCAACG 543
Db 419 CTGTGAGAGTGTCTGGGCTTACCCATCAAGATGTCAGGAGAGGTTGGTCCCAAGTACC 478
Qy 544 GCTCGGCTTCAGATGGGCTGCAGAGGCTGCAGCTCTTGAAGCCCAATATCCCGAAC 603
Db 479 ---ATGACTCCAATAGGGCCACCAAGAGTTTGGGTTATTGAATCCTTGAGAAAC---TA 532
Qy 604 CGGAGTTGCCCTCAGACGCTGCACCATGAGGTTCGAAGCTCCCAATATCCAGATCCCA 663
Db 533 GTGTGCTATCTACAGCCTTACCATACTTGTATCTGTTAAATCAGGAGGCTCCCATCCAA 592
Qy 664 GCCAGAGACCACTACTGGTGTACATTAAGGAGCTTCCAAAGGGCTTCTCTCGGCACC 723
Db 593 ACAAAGATACAAACATATTGGTGCCAAATGTTTAAGATTTCCTGTGTTCCAAAGAAAGCATC 652
Qy 724 ACATTATCAAGTACAGAGCCCATCGTCACCAAGGCAATGAGGCCCTTGTCCACCACATGG 783
Db 653 ATGTAATAAAGGTTGAGCCAGTGTATACAGAGAGGCCATGAGAGTCTGTGTCACACATCC 712
Qy 784 AAGTCTTCCAGTGGCCCGCA---GATGGACAGCTGCCCACTTCAGCGGGCCCTGGC 840
```

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Db 713 TGCTCTATCAGTCGACGACAACTTTAAACGACAGCGTTCTGGAGTCGGGCCAGGAGTGT 772
Qy 841 ACTCCAAGATGAACCCGCGGCTCAACTACTGCGCGCACGTCGTGGCGGCTGGGCCC 900
Db 773 ATACCCCAACATGCCGCGATGCAATCTCACTGTGAAACTGTGATTTTGGCTGGGCTA 832
Qy 901 TGGGTGCCAAGGATTTTACTACCCAGAGGAAGCGGCTTGCCTTTCGGGGTCCAGGT 960
Db 833 TTGGTGAGAGGCTTTTCTATCCACCTCATGTTGGATATCCCTTGGCACTCCATTAG 892
Qy 961 CCTCCAGATATCTCGCTGGGAAGTTCACTACACAAACCACTGTGTATAGAAGACGAA 1020
Db 893 ATCCGATATGTGCTCTAGAGTCCATTATGATAATCCCACTTATGAGGAAGCTTAA 952
Qy 1021 ACAGCTCCTCAGGCATCCGCTTGTACTACACAGCAAGCTGGCGCTTCAACGGCGGA 1080
Db 953 TAGATAATCTGAGCTAGAGTTATTTTACAAATGGATATAAGGAATATGATGCTGGG 1012
Qy 1081 TCATGAGCTGGGACTGTGTGTACACGCCAGTGTGCCATTCACCAACGGGAGACCGCT 1140
Db 1013 TGATTGAGCTGGCTCTGGGTGAGCCTCTTCCATACCATCCCTCCAGGATGCTGAGT 1072
Qy 1141 TCATCTCACTGCTACTGACGCGGACAGTGCACCCAGCTGGCACTG-----CCTC 1191
Db 1073 TCCAGTCTGAGGTCACTGCACTTTGGAGTGGCTGGAAAGGCTCTGGAAGCCGAAAGC 1132
Qy 1192 CTTCCGGGATCCACATCTTTGGCTCTCAGCTCCACACACACTGACTGGGAGAAAGTGG 1251
Db 1133 CAAGTGAATTCATGTTGCTGTTCTTCCATGCTCAGCTGGCTGGCAGAGGATCA 1192
Qy 1252 TCACAGTGTGTCGGGACGCGGAGTGGGAGTGGGAGATGTTGAACAGGACAAATCACTACA 1311
Db 1193 GCTCGCTGATTTTCCAAAGGGAAGGAAATGAAATTAATGCTATGATGATTTTG 1252
Qy 1312 GCTCTCACTTCAGGAGATCCGCATGTTGAAGAGGTGCTGCTGGTCCATCCGGGAGATG 1371
Db 1253 ACTTCAATTTCCAGGAGTTTCAGTATCTAAAGGAAGAACAAACAACTTTACAGGAGATA 1312
Qy 1372 TGCTCATCACTCTGCACTGACGACGACGAGGAGGAGTGGGAGTGGGAGTGGGAGGCT 1431
Db 1313 ACCTAAATTAAGTGTGCTTACACACGAAAGATAGAGTGTGAGTGTGGGAGGAC 1372
Qy 1432 TCGGATCCTGGAGAGATGTTGCTCAACTACGTCGCTACTACCC 1477
Db 1373 TAAGCACCAGAGTGAAATGTGCTCTCATACCTCTTTATTATCCC 1418

```

RESULT 33

```

; US-10-145-746-189
; Sequence 189, Application US/10145746
; Publication No. US20030134366A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Oiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C269
; CURRENT APPLICATION NUMBER: US/10/145,746

```

```

; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 189
; LENGTH: 2150
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-145-746-189

```

```

Query Match
Best Local Similarity 5.4%; Score 146.8; DB 12; Length 2150;
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;
Qy 187 GCTTACACCCAGGAGGCGATCCATTTCCAGCTCCTGGTGGGAGGCTCAAGGTCGGGTCC 246
Db 119 GCTGGAGGCGAGCGGGCGAGTCGCTTCGGCTCCAGGTGCGCATCTGAGGCTAGG 178
Qy 247 TG---TTTGGGATGTCGACCCGTCGAGCTTTGAGAACGCGAGATCTCGTGGTCTCTGGA 303
Db 179 TGGGCTTTCGGCTTCTGCGCCACCGGGCCATGGCGCTCCGCGACATCGTCTGGCGGGG 238
Qy 304 CCGATGGGGACACTGCCTATTTTGGGAGCGCTTGGAGAACGCGAGTGAACGAGGGGCGAGTCCACC 363
Db 239 TGGCCACAGGGCGGCGCTTACCTCCAGGATTAATTTTACAAATGCAAAATAGAGAGTTGAAA 298
Qy 364 TGGATCCCGAGCAGGACTACAGCTGCTGAGGTGCGAGGAGCCGAGGAGCCGAGGCGCTGACCC 423
Db 299 AAGATGCTCAGCAAGATTTACCATCTAGAATATGCCATGGAATAATAGACACACACATTA 358
Qy 424 TCGTTTTCAGAGGCGCTTTGGCACCTCGAGCCCGCAAGGATTAATCTCATTAAGAACGCGCA 483
Db 359 TTGAATTTACAGAGAGTGCATATGTGACATAAATGACAGAGATATAACGATAGCA 418
Qy 484 CTGTCCACTTGTCTACCGGATCTGAGGAGCGCTTCCGCTCACTCGAGGCGCATCAAG 543
Db 419 CTGTGAGAGTGATCTGGGCTTACCACTGAAGATGACAGGAGAGTGTGTTCCCAAGTACC 478
Qy 544 GCTCGGGCTCGAGATGGGGCTCGAGAGGTCAGCTTCTGAAGCCCAATATTCGCCGAAC 603
Db 479 ---ATGACTCCAATAGGGGCAACCAAGATTTGCGGTTTATTTGAATCTCTGAGAAAC---TA 532
Qy 604 CGGAGTTGCCCCCTCAGAGCGGTGACACCATGAGGTCGAGCTTCTGAAGCCCAATATTCGCCGAAC 663
Db 533 GTGTGCTATCTACAGCTTACCATCTTTGATCTGTTAAATCAGGAGCTGCCCATCCCA 592
Qy 664 CCAGGAGACCACTACTGTGTGTACATTAAGAGCTTCCAAAGGGCTTCTCTCGGCAAC 723
Db 593 ACAAGATACAAACATATTGGTGCATAATGTTTAAGATTTCTGTGTTCCAGAAAGCATC 652
Qy 724 ACATTATCAAGTACAGGCGCATCTGACCAAGGCGAATGAGGCCCTTGTCCACCAATGG 783
Db 653 ATGTAATAAGTTGAGCCAGTGAATCAGAGAGCCATGAGAGTCTGGTGCACCATCC 712
Qy 784 AAGTCTTCCAGTGGCGCCCGCA---GATGACAGCTTCCCACTTTCAGCGGCGCTGGG 840
Db 713 TGCTCTATCAGTCGACCAACAACTTTTAAACAGACGCTTCTGAGTCCGCGCAGGAGTGT 772
Qy 841 ACTCCAAGATGAACCGGACCGCTCAACTACTGCGCGCACGCTGTGTGGCGCTGGGCCC 900
Db 773 ATCACCCCAACATGCCCCGATGCAATTCCTCACTGTGAAAACCTGTGATTTTTCGCTGGGCTA 832
Qy 901 TGGGTGCCAAGGCATTTTACTACCCAGAGGAAGCGGCTTCCCTTCCGGGGTCCAGGT 960
Db 833 TTGGTGGAGAGGCTTTTCTTATCCACCTCATGTTGGATTAATCCCTTGGCACTCCATTAG 892
Qy 961 CCTCCAGATATCTCGCTGGAGTTCACTACCAACCACTGTGTATAGAAGACGAA 1020
Db 893 ATCCGATTAATGTGCTCTAGAGTCCATTTATGATAATCCCACTTATGAGGAAGCTTAA 952
Qy 1021 ACAGCTCCTCAGGCATCCGCTTGTACTACACAGCAAGCTGGCGCTTCAACGGGGA 1080
Db 953 TAGATAATTTCTGAGCTGAGGTATTTTACAAATGGATATAAGGAATATGATGCTGGG 1012

```

```
Qy 1081 TCATGAGCTGGGACTGGGTACACCGCAGTGATGGCCATTCCACCGGAGACCGCCT 1140
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1013 TGATTGAGCTGGGCTCTGGGTGAGCCTCTTCCATACCATCCCTCCAGGGATGCTGAGT 1072
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 1141 TCATCCTCACTGGCTACTGCACGACAGTGCACCCAGCTGGCACTG-----CCTC 1191
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1073 TCCAGTCTGAGGTCATGCTGCTTTGGAGTGCCTGGAGAGGCTCTGGAAGCCGAAAGC 1132
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 1192 CCTCCGGGATCCACATCTTCGCCTCTCAGCTTCCACACACACCTGACCTGGGAGAAAGTGG 1251
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1133 CAAGTGAATTCATGTGTGTGCTGTCTTCTCCATCTCCTACCTGGCTGGCAGGCAATCA 1192
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 1252 TCACAGTGTGGTCCGGGACGGCCGGAGTGGGAGATCGTGAACACGAGCAATCACTACA 1311
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1193 GGCTGCGTCAATTTTCGAAAAGGAAGAAATGAAATTAATTGCTGATGATGATTTTG 1252
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 1312 GCCCTCACTTCCAGGAGATCGCATGTTGAAGAGTGTGTCGGTCCATCCGGAGATG 1371
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1253 ACTTCAATTTCCAGGAGTTCAGTATCTTAAGGAAGAAACAAACAACTTTACCGAGGATA 1312
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 1372 TGCTCATCACCTCCTGCACGTCACACACGGAAGACCGGAGCTGGCCACAGTGGGGGCT 1431
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1313 ACCTAATTTACTGAGTGTGCTACACACGAAAGATAGAGCTGAGATGACTTTGGGGAGAC 1372
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 1432 TCGGATCCTGGAGGAGATGTGTCACTACGTACGTGCACTACTACCC 1477
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1373 TAAGCACGAGGAGTGAATGTCTCTCATACCTTCTTTATTATCCC 1418
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
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## RESULT 34

```
US-10-145-748-189
; Sequence 189, Application US/10145748
; Publication No. US20030134367A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: F330R1C283
; CURRENT APPLICATION NUMBER: US/10/145,748
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 189
; LENGTH: 2150
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-145-748-189
```

```
Query Match 5.4%; Score 146.8; DB 12; Length 2150;
Best Local Similarity 47.3%; Pred. No. 1.2e-29;
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

Qy 187 GCTACACCCAGGAGGCATCCATTTCCAGCTCTCTGGTGGGAGGCTCAAGCTGGCGTCC 246
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 119 GCTGGAGCAGCGGGCAGCAGATGCTTCCGCTTCCGCTCCAGGTGCGCATGTCGAGTACG 178
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 247 TG---TTTGGGATGTCGACCGGTGGGAGCTTGAGAACGACGAGATCTCGTGGTCTCTGGA 303
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
```

```
Db 179 TGGGCTTCGGCTTCTCGCCCAACCGGGCCATGCGTCCGCGACATGCTGTGGCGGGG 238
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 304 CCATGGGACACTGCTCTATTTTGGCGACGCTGGAGTGCAGAGGGGCGAGATCCACC 363
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 239 TGGCCACGCGGGCGGCTCTCTCCAGGATTTATTTTCAAAATGCAATAGAGATTGAAA 298
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 364 TGGATCCCCAGCAGGAGTACCAGTCTGTCAGGTGTCAGAGGACCCAGAGAGGCTGACCC 423
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 299 AAGATGCTCAGCAAGATTACCATCTAGAATATGCCATGGAAATAGCACACACAATAA 358
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 424 TGCCTTTCAAGAGCCCTTTGGCAGCTGCGACCCCAAGGATTTACCTCATTTGAAGACGGCA 483
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 359 TTGAATTTTACAGAGAGCTGCATACATGTGACATAAATGAACAAGAGTATAACGGATAGA 418
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 484 CTGTCACCTTGTGCTACGGGATCTCGAGGAGCGGTTCGGTCTACTGAGGCGCATCAACG 543
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 419 CTGTGAGATGATCTGGGCTTACCATGCAAGATGTCAGGAGAGTGGTCCCAAGTACC 478
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 544 GCTCGGGCTTCAGATGGGCTGCAGAGGCTGCAGGCTCTCTGAAGCCCAATATCCCCGAAC 603
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 479 ---ATGACTCCAATAGGGCACCAGAGTTTGGCGTTATTGMAATCTCTGAGAAAC---TA 532
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 604 CGGAGTTGCCCTCAGAGCGCTGCACATGAGAGTCCAAAGCTCCCAATATCCAGATCCCCA 663
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 533 GTGTGCTATCTACAGCCTTACCATACTTTGATCTGTGTAATCAGGAGCTGCCCATCCAA 592
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 664 GCCAGGAGACCACTACTGCTGTACATTAAGAGCTTCCAAAGGCTTCTCTCGGCACC 723
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 593 ACAAGATACAAATATTTGGTCCAAATGTTTAAGATTCTCTGTTTCAAGAAAGCATC 652
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 724 ACATTTAAGTACGAGCCCATCGTCAACAAAGGCAATGAGGCTTGTCTCCACCATGG 783
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 653 ATGTAATAAGGTTGAGCCAGTATACAGAGAGCCATGAGATCTGTGTCCACCATACC 712
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 784 AAGCTTTCAGTGGCGCCCGCA---GATGACAGCTGCCCACTTTCAGCGGGCCCTGCG 840
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 713 TGCTCTATCAGTGCAGCAACACTTTAAACGACAGCGTTCTGGAGTCCGGCCAGAGTGT 772
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 841 ACTCCAAGATGAAACCGGACCGCTCACTACTCTCCGCCACAGTGTGCGCCCTGGGCCC 900
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 773 ATCACCCCAACATGCCCGATGCAATCTCTCACTGTGAAACTGTGATTTTTCCTGGGCTA 832
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 901 TGGGTGCCAAGGCATTTTACTACCCAGAGGAGCGGCTTGCCTTCGGGGGTCCAGGGT 960
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 833 TTGGTGGAGAGGCTTTTCTTATCCACTCATGTTGGATTATCCCTTGGCACTCCATTAG 892
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 961 CTTCAGATATCTCCGCTGGAGTTCACCTACCAACCACTGGTGTATAGAGGACGAA 1020
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 893 ATCCGCATTTATGTCTCTAGAAAGTCCATTTATGATAATCCACTTATGAGGAGGCTTAA 952
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 1021 ACGACTCTCAGGCATCCGCTTGTACTACACAGCCAGCTGCGGCGTTCACGCGGGA 1080
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 953 TAGATAAATCTGGACTGGGTTATTTTACAAATGGAATTAAGGAAATATGATGCTGGGG 1012
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 1081 TCATGGAGCTGGGACTGGTGTACACCCAGTGTATGCGCATTCACACAGGAGACCGCCT 1140
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1013 TGATTGAGGCTGGCTCTGGGTGAGCTCTTCCATACCATCTCCCTCAGGATGCTGAGT 1072
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 1141 TCATCCTCACTGGCTACTGCAACGCAAGTGCACCCAGCTGGCACTG-----CCTC 1191
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1073 TCCAGTCTGAGGCTCACTGCACCTTTGGAGTGCCTCGGAAGAGGCTCTGGAAGCCGAAAGC 1132
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 1192 CCTCCGGGATCCACATCTTTCGCTCTCAGCTCCACACACCTGACTGGGAGAAAGTGG 1251
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1133 CAAGTGAATTCATGTGTGTGCTTCTTCTCCATGCTCACCTGGCTGGCAGGCAATCA 1192
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 1252 TCACAGTGTGGTCCGGGAGCGCGGAGTGGGAGATCGTGAACACGAGCAATCACTACA 1311
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1193 GGCTGCTCATTTTGAAGGAGGAGAAATGAAATTAATTGCTGATGATGATTTTG 1252
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 1312 GCCTCACTTCCAGGAGATCCGCATGTTGAAGAGGCTGTGTCGGTCCATCCGGAGATG 1371
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
```

Db 1253 ACTTCATTTCCAGGAGTTTCAGTATCTAAAGGAGAACAAACAATCTTACCAGGAGATA 1312  
QY 1372 TGCTCATCAGCTCTGACGTACAAACGGAAGACGGGAGCTGGCCACAGTGGGGGCT 1431  
Db 1313 ACCTAAATTACTGAGTGTGCTACAAACGGAAGATAGAGCTGAGATGACTTGGGGAGGAC 1372  
QY 1432 TCGGGATCCCTGGAGGAGATGTGTCAACTACGTGACTACTACCC 1477  
Db 1373 TAAGCACCAGGAGTGAATGTGTCTCTCATACCTTCTTTATTACCC 1418

## RESULT 35

US-10-145-823-189  
; Sequence 189, Application US/10145823  
; Publication No. US20030134368A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Deforge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P33301C262  
; CURRENT APPLICATION NUMBER: US/10/145,823  
; PRIORITY FILING DATE: 2002-05-14  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 189  
; LENGTH: 2150  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-145-823-189

Query Match 5.4%; Score 146.8; DB 12; Length 2150;  
Best Local Similarity 47.3%; Pred. No. 1.2e-29;  
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;  
QY 187 GCTACACCCAGGAGCCATCCATTTCCAGCTCTGCTGGGAGGCTCAAGGCTGGCGTCC 246  
Db 119 GCTGAGCCAGCGGGGAGCCAGATCGCTTCCGCTCCAGGTGCGCACTGCGAGGCTAGC 178  
QY 247 TG---TTTGGGATGTCGACCGTGGCGAGCTTGAGAACGAGATCTGCGGTGCTCTGGA 303  
Db 179 TGGGCTTTCGGCTCTCGCCACCGGGGCCATGCGGTCCGCGGACATCGCTGCGGGGGG 238  
QY 304 CCGATGGGACATGCTCTATTTTGGGAGCGCTGGAGTGCACGAGGCGGAGATCCACC 363  
Db 239 TGGCCACGCGGGCGCCCTACCTCCAGGATTTATTTACAAATGCAATAGAGATTTGAAAA 298  
QY 364 TGGATCCCCAGGAGACTACAGCTCTGAGTGCAGAGGACCCAGAGGCTTGACCC 423  
Db 299 AAGATGCTCAGCAAGATTACCTCTAGATATGCCATGGAAATAGCAGACACACATPAA 358  
QY 424 TGCTTTTCAAGAGGCCCTTTGGGACCTGCGACCCCAAGGATTAACCTTTGAAGACGGCA 483  
Db 359 TTGAATTTTACCAGAGAGCTGCATATGATATGATATGATATGATATGATATGATATGAT 418  
QY 484 CTGTCCACTTGTCTACGGGATCTTGGAGGCGCTTCCGCTCTGAGGCGGCTTCCGCTCTG 543  
Db 419 CTGTGAGATGATCTGGGCTTACCACCTATGATGAGTGCAGGAGAGCTGGTCCCAAGTACC 478

QY 544 GCTCGGCGCTGCAGATGGGCTGCGAGAGGTGCGAGTCTCTGAAGCCCAATATCCCCGAAC 603  
Db 479 ---ATGACTCCAATAGGGGCGCCAAAGAGTTTGGGTTATTGAATCTCTGAGAAAAC---TA 532  
QY 604 CGGAGTTGGCCCTCAGACGCGTGCACCATGGAGTCCAAAGCTCCCAATATCCAGATCCCCA 663  
Db 533 GTGTGCTATCTACAGCGTTACCATCTTTGATCTGTTAAATCAGGACGCTCCCATCCCAA 592  
QY 664 GCAGGAGACCAAGTACTGCTGCTACATTAAGGAGCTTCCAAAGGCTTCTCTCGGACCC 723  
Db 593 ACAAGATACAAATATTTGGTCCAAATGTTTAAAGATCTCTGTGTTCCAAAGAAAGCATC 652  
QY 724 ACATTATCAAGTACGAGCCCATCGTCCAAAGGCAATGAGGCCCTTGTCCACCAATGG 783  
Db 653 ATGTAATAAGGTTGAGCCAGTGATACAGAGAGGCCATGAGAGTCTGTGTGACCAATCC 712  
QY 784 AAGTCTTCCAGTGGCGCCCGCCGA---GATGACAGCGTTCGCCACCTTTCAGCGGGCCCTGG 840  
Db 713 TGCTCTATCAGTGCAGCAACAATTTTAAAGATCTCTGTGTTCCAAAGAAAGCATC 772  
QY 841 ACTCCAAGATGAACCCGACCGCTCAACTACTGCGGCCACGCTGCTGGCCCGCTGGGCC 900  
Db 773 ATCACCCCAACATGCCCGATGCAATTCCTCACTGTGAAAATCTGTGATTTTGTCTGGGCTA 832  
QY 901 TGGGTGCCAAGGCAATTTTACTACCCAGAGGAGCGGCTTTCCTTCCGCTTCCGCGGCTCCAGGT 960  
Db 833 TTGGTGGAGAGGGCTTTTCTTATCCACCTCATGTTGGATTTATCCCTTGGCATCTCATTTAG 892  
QY 961 CTTCCAGATATCTCGGCTGGAAGTTTCACTACCAACCCACTGTGTGATAGAGAGGAA 1020  
Db 893 ATCCGCAATATGTGCTCTCTAGAGTCCATTTATGATTAATCCCACTTATGAGGAAGGCTTAA 952  
QY 1021 AGGACTCTCTCAGGCAATCGCTTGTACTACACAGCAAGCTGCGGGCTTCAACGCGGGGA 1080  
Db 953 TAGATAAATCTGGAAGTATTTTACCAATGGAATATGAGAAATATGATGCTGGGG 1012  
QY 1081 TCATGAGCTGGAGCTGGTGTACAGCGGAGTGTGCGCATTTCCACCAAGGAGAGACCCCT 1140  
Db 1013 TGATGAGGCTGGGCTCTGGGTGAGCTCTTCCATACCATCCCTCCAGGAGTGCCTGAGT 1072  
QY 1141 TCATCCTCAGCTGCTTACGACGACAGTGCACCCAGCTGGGACTG-----CCTC 1191  
Db 1073 TCCAGTCTGAGGCTCACTGCACTTTGGAGTGCCTTGGAAAGGCTCTGGAAGCGGAAAGC 1132  
QY 1192 CTTCCGGATCCCATCTTCCGCTCTCAGCTCCACACACACACCTGACTGGGAGAAAGTGG 1251  
Db 1133 CAAGTGAATTCATGTTGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1192  
QY 1252 TCAGAGTGTGCTGGGAGCGGCGGAGTGGGAGATCGTGAACAGGACCAATCACTACA 1311  
Db 1193 GGCTGCGTCAATTTTGAAGGAGGAAATGAAATTAATCTTGCCTATGATGATGATTTTG 1252  
QY 1312 GCCTCACTTCCAGGAGATCCGCAATGTTGAAGAGTCTGCTGCGGCTCCATCCGGGAGATG 1371  
Db 1253 ACTTCAATTTCCAGGAGTTTCACTATCTAAGGAAGAAACAAATCTTACCAGGAGATA 1312  
QY 1372 TGCTCATCACTCTGCAAGTACCAACGAGAGACCGGAGCTGGCCACAGTGGGGGCT 1431  
Db 1313 ACCTAATATCTGAGTGTGCTGTACCAACGAAAGATAGAGCTGAGATGACTTGGGAGGAC 1372  
QY 1432 TCGGATCTCTGAGGAGATGTGTGTCAACTAGTGCACCTACTACCC 1477  
Db 1373 TAAGCACCAGGAGTGAATGTGTCTCTCATACCTTCTTTATTACCC 1418

## RESULT 36

US-10-145-826-189  
; Sequence 189, Application US/10145826  
; Publication No. US20030134369A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Godown, Austin L.  
 ; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K  
 ; APPLICANT: Wood, William  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3330R1C284  
 ; CURRENT APPLICATION NUMBER: US/10/145,826  
 ; CURRENT FILING DATE: 2002-05-14  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 550  
 ; SEQ ID NO 189  
 ; LENGTH: 2150  
 ; TYPE: DNA  
 ; ORGANISM: Homo Sapien  
 ; US-10-145-826-189

Query Match 5.4%; Score 146.8; DB 12; Length 2150;  
 Best Local Similarity 47.3%; Pred. No. 1.2e-29;  
 Matches 616; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

187 GCTACACCCAGGAGCCATCCATTCCAGCTCTCTGGTGGCGAGGCTCAAGGCTGGCGTCC 246  
 119 GCTGAGCCAGCGGGCAGCAGATCGCTTCGCCCTCCAGGTGCGCACTGCAGGCTACG 178  
 247 TG---TTTGGATGTCGACCGTGGGAGCTTGAGAACGAGATCTCGTGGTCTCGGA 303  
 179 TGGGCTTCGGGCTTCGCCACCGGGGCCATGGCGTCCGCCGACATCGTGGTGGCGGG 238  
 304 CCGATGGGACACTGCTCTATTTTCGGGACGCTGGAGTGACCAAGGGCGAGTCCACC 363  
 239 TGGCCACAGGGCGCCCTACCTCCAGGATATTTTCAAAATGCAATAGAGAGTTGAAA 298  
 364 TGGATCCCCAGCAGGACTACCACTGCTGCGAGTGCAGAGGACCCAGAGGCGCTGACC 423  
 299 AAGATGCTCAGCAAGATTACCATCTAGCAATATGCCATGGAAATAGCACACACATAA 358  
 424 TGCTTTCAAGAGCCCTTTGGCACCTGGACCCCAAGGATTAACCTCATTTGAAGACGCA 483  
 359 TTGAATTTACCAAGAGCTGCATACATGTGACATAAATGACAGAGTATAACGGATAGCA 418  
 484 CTGTCCACTTGGTCTACGGGATCTGGAGGAGCGGTTCCGGTCACTGGAGGCCATCAACG 543  
 419 CTGTGAGAGTGATCTGGGCTTACCACCATGAGATGAGGAGAGTGGTCCCAAGTACC 478  
 544 GCTCGGCGCTCCAGATGGGGCTGCAGAGGCTGAGCTCTGAGGCCCAATATCCCCGAAC 603  
 479 ---ATGACTCCATAGGGGCACCAAGAGTTTGGGTTATTGATCTCGAGAAAC---TA 532  
 604 CGGAGTTGCCCTCAGACGCGTGACCAATGAGAGTCCAAAGTCCCAATATCCAGATCCCA 663  
 533 GTGTGCTATCTACAGCCTTACCATACCTTGTATCTGGTAAATCAGGAGCTCCCCATCCAA 592  
 664 GCAGGAGACCGTACTGTGTCTACATTAAGGAGCTTCCAAAGGGCTTCTCTGGGACC 723  
 593 ACAAGATACAACATATTTGGTGCATAATGTTTAAGATTCTGTGTTCCAAGAAAGCATC 652  
 724 ACATTATCAAGTACGAGCCCATCTGTCCACAGGCGCATGAGGCCCTTGTCCACCACATGG 783  
 653 ATGTATTAAGGTTGAGCCAGTATACAGAGAGCCATGAGTCTGTGTGACCAACATCC 712  
 784 AAGTCTTCAGTGGCGCCCCGA---GATGACAGCGGTCCCCCACTTCAGCGGGCCCTGG 840

Db 713 TGCTCTATCAGTGCAGCAACAACCTTTAAACGACAGCGTTCTGGAGTCCGGCCACGAGTGCT 772  
 Qy 841 ACTCAAAGATGAACCCGACCGCTCAACTACTCCCGCCAGCTGCTGSCCGCTGGGCCC 900  
 Db 773 ATACCCCAACATGCCGATGCTCTCACTGTGAACATGTGATTTTTCCTGGGCTA 832  
 Qy 901 TGGGTGCAAGGCAATTTTACTACCCAGAGGAGCGGCTTGGCCCTTCGGGGTCCAGGGT 960  
 Db 833 TTGGTGAGAGGGCTTTTCTTATCCACCTCATGTTGGATTATCCCTTGGCACTCCATTAG 892  
 Qy 961 CTCCAGATATCTCCGCTCGAAGTTCACCTACCAACACCCACTGGTGTATAGAAGACGAA 1020  
 Db 893 ATCCGCATTATGTGCTCTAGAAATCCATTATGATAATCCCACTTATGAGGAAGGCTTAA 952  
 Qy 1021 ACAGCTCTCAGGCATCGCTTGTACTACACAGCAAGCTGCGCGCTTCAACCGGGGA 1080  
 Db 953 TAGATAATCTGGACTGAGGTTATTTTACAAATGGATATAGAANAATATGATGCTGGGG 1012  
 Qy 1081 TCATGGAGCTGGGACTGGTGTACACGCGAGTGTGGCCATTTCACACCGGAGACCGCT 1140  
 Db 1013 TGATTGAGGCTGGCTCTGGGTGAGCCTCTTCCATACCATCCCTCCAGGGATGCTGAGT 1072  
 Qy 1141 TCATCTCACTGGCTACTGACGGAAGTGCACCCAGCTGGCACTG-----CCTC 1191  
 Db 1073 TCCAGTCTGAGGGTCACTGCACCTTTGGAGTGCCTTGGAGAGGCTCTGGAAGCCGAAAAGC 1132  
 Qy 1192 CTTCCGGGATCCACATCTTCGCTCTCAGCTTCCACACACACCTGACTGGGAGAAAGTGG 1251  
 Db 1133 CAAGTGAATTCATGTTGTTGCTGTTCTTCCATGCTCACCCTGGCTGGCAGAGCATCA 1192  
 Qy 1252 TCACAGTGTGCTCGGACGCGGGAGTGGGAGATCGTGAACACGAGCAATCACTACA 1311  
 Db 1193 GGCTGGCTCATTTTCGAAAAGGGAAGAAATGAATTAATTCCTATGATGATGTTG 1252  
 Qy 1312 GCCCTCACTTCAGAGAGATCCGCATGTTGAAGAAGTCTGTCGGTCCATCCGGGAGATG 1371  
 Db 1253 ACTTCAATTTCCAGGAGTTTCAGTATCTAAAGGAGAAACAACAATCTTACAGGAGATA 1312  
 Qy 1372 TGCTCATCACTCTCGCAGCTACAAACGGAAGACCGGAGCTGGCCACAGTGGGGGCT 1431  
 Db 1313 ACCTAATTCTGAGTGTGCTCAACACAGAAAGATGAGCTGAGATGACTTGGGGAGGAC 1372  
 Qy 1432 TCGGATCTCGGAGGAGATGTGTCAACTACGTGCACTACTACCC 1477  
 Db 1373 TAAGCAGGAGTGAATGTGCTCTCATACCTTCTTTATTACCC 1418

## RESULT 37

US-10-145-870-189  
 ; Sequence 189, Application US/10145870  
 ; Publication No. US20030134370A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Beresini, Maureen  
 ; APPLICANT: DeForge, Laura  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K  
 ; APPLICANT: Wood, William  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3330R1C274

;/ CURRENT APPLICATION NUMBER: US/10/145,870  
;/ CURRENT FILING DATE: 2002-05-14  
;/ Prior Application removed - See File Wrapper or Palm  
;/ NUMBER OF SEQ ID NOS: 550  
;/ SEQ ID NO 189

;/ TYPE: DNA  
;/ ORGANISM: Homo Sapien  
US-10-145-870-189

Query Match  
Best Local Similarity 5.4%; Score 146.8; DB 12; Length 2150;  
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;  
QY 187 GCTACACCCAGAGGCCATCCATTTCCAGCTCTGTGGTGGAGGCTCAAGGCTGGCGTCC 246  
DB 119 GCTGGAGCCAGCGGGGAGCAGATCGCTTCGCGCTCCAGGTGCGCATCGCAGGCTAGC 178  
QY 247 TG----TTTGGATGTCCGACCGTGGCGAGCTTGAGAAACGAGATCTCGTGGTCTCGA 303  
DB 179 TGGGCTTTGGGCTTTCGCCCAACCGGGGCCATGGCTCCGCCACATCGTCGTGGCGGGG 238  
QY 304 CCGATGGGACACTGGCTATTTGGCGAGCGCTTGGAGTGACAGAGGGGAGATCCACC 363  
DB 239 TGGCCACAGGGCGGCTTACCTCCAGATTTATTTTACAAATGCAATATAGAGTTGAAA 298  
QY 364 TGGATCCCAAGCAGGACTACAGCTGCTCAGGTGCAGAGGACCCAGAGGCTTGACCA 423  
DB 299 AAGATGTCAGCAAGATTACCATCTAGATATGTCATGAAATGCAAGAGTATACGGATAG 418  
QY 424 TGCTTTTCAAGAGCCCTTTGGCAGCTGGACCTGGACCCCAAGGATTAATCTTGAAGCGCA 483  
DB 359 TTGAATTTACAGAGCTGCAATATGATGACATAATGCAAGAGTATACGGATAGCA 418  
QY 484 CTGTCCACTTGGTCTACGGGATCTTGGAGGAGCGGTTCCGGTCTACTGGAGGCTCAACG 543  
DB 419 CTGTGAGAGTATCTGGGCTTACCATCAGATGAGATGAGAGGAGCTGGTCCCAAGTACC 478  
QY 544 GCTCGGGCTGCAGATGGGGTGCAGGGTGCAGGCTTGAAGCCCAATATCCCCGAAC 603  
DB 479 ---ATGACTTCAATAGGGGCAACAGAGTTTGGGCTTATTTGAATCTCTGAGAAAC--TA 532  
QY 604 CGAGTGTCCCTCAGACCGCTGCACCATGAGGTCCCAAGTCCCAATATCCAGATCCCA 663  
DB 533 GTGTCTATCTACAGCTTACCATCTTGTATCTGGTAAATCAGGAGCTCCCATCCCA 592  
QY 664 GCAGGAGACCACTACTGGTCTACATTAAGAGCTTCCAAAGGGCTTCTCTCGGCACC 723  
DB 593 ACAAGATACAACTATTTGGTGCCAAATGTTTAAAGATTCCTGTGTTCCAGAAAGCATC 652  
QY 724 ACATTTACAGTACGAGCCCATCTCACCAGGCAATGAGGCTTGTCCACCATGG 783  
DB 653 ATGTAATAAAGTTGAGCCAGTGTACAGAGGCAATGAGTCTGGTGCACCATCC 712  
QY 784 AAGTCTTCAGTGGCGCCCGA---GATGACAGCGTCCCGCATTCAGCGGCGCTCGG 840  
DB 713 TGCTCTATCATGTCAGCAACAATTTAAACGACAGCTTCTGGAGTCCGCGCCAGAGTGT 772  
QY 841 ACTCCAAGATGAACCCGACCGCTCACTACTGCGCCCAAGTGTGGCGCGCTGGGCC 900  
DB 773 ATCACCCCAACATGCCGATGCAATCTCACTGTGAAAACCTGTGATTTTGGCTGGGCTA 832  
QY 901 TGGGTGCCAAGGATTTTACTACCCAGAGGAAGCGGCTTCCCTTCGGGGGTCCAGGGT 960  
DB 833 TTGGTGGAGAGGCTTTTCTTATCCACCTCATGTTGGATTTATCCCTTGGCATCCATTAG 892  
QY 961 CTCCAGATATCTCCGCTTGGAGTTCACTACCAACACCTAGTGTGATAGAGGAGCA 1020  
DB 893 ATCCGATATGTCTCTTAGAGTCCATTATGATAATCCCACTTATGAGGAGGCTTAA 952  
QY 1021 ACAGTCTCTCAGGATCCGCTTGTACTACAGCAAGCTGGGGCTTCAACGCGGGA 1080  
DB 953 TAGATAATTTCTGAGTGTGATTTATTTTACAAATGATATTAAGGAATATGATGCTGGG 1012

QY 1081 TCATGGAGCTGGGACTGGTGTACACCGCCAGTGTATGCCATTTCCACCACGGGAGACCGCT 1140  
DB 1013 TGATTGAGGCTGGCCTCTGGGTGAGCTCTTTCATACCATCCCTCAGGGATGCGCTGAGT 1072  
QY 1141 TCATCCTCACTGGCTACTGACCGGACAGTGCACCCAGCTGGCACTG-----CCTC 1191  
DB 1073 TCCAGTCTGAGGGTCACTGCACCTTTGGAGTGCCTGGAAGAGGCTCTGGAAGCCGAAAGC 1132  
QY 1192 CTTCCGGGATCCACATCTTCGCTCTCAGCTCCACACACACCTGACTGGGAGAAAGTGG 1251  
DB 1133 CAAGTGGAAATTCATGTTGTTGTTCTCTCATGCTCACCCTGGTGGCAGAGCATCA 1192  
QY 1252 TCACAGTCTGGTTCGGGAGCGCGGGAGTGGAGATCGTGAACAGGACCAATCACTACA 1311  
DB 1193 GGTGCGCTCATTTTCCAAAGGGAAGAAATGAAATTAATTTGCGCTATGATGATGTTTG 1252  
QY 1312 GCCTCCTCACTTCCAGGAGATCCGCATGTTTCAAGAGGCTGTGTGGTCCATCCGGGAGATG 1371  
DB 1253 ACTTCAATTTCCAGGAGTTTCAATCTTAAAGGAAGAACAAACAATCTTACAGGAGATA 1312  
QY 1372 TGCTATCACTCTCTGACGTACAAACAGGAGACCGGGAGCTGGCCACAGTGGGGGCT 1431  
DB 1313 ACTTAATTACTAGTGTGCTACACACGAAAGATAGAGCTGAGATGATCTTGGGAGAGAC 1372  
QY 1432 TCGGATCTGGAGGAGATGTTGTCAACTAGCTGCACTACTACCC 1477  
DB 1373 TAAGCACCAGGAGTGAATGTCTCTCATACCTTCTTTATTATACC 1418

## RESULT 38

US-10-145-876-189

/ Sequence 189, Application US/10145876

/ Publication No. US20030134371A1

/ GENERAL INFORMATION:

/ APPLICANT: Baker, Kevin P.

/ APPLICANT: Beresini, Maureen

/ APPLICANT: DeForge, Laura

/ APPLICANT: Desnoyers, Luc

/ APPLICANT: Filvaroff, Ellen

/ APPLICANT: Gao, Wei-Qiang

/ APPLICANT: Gerritsen, Mary E.

/ APPLICANT: Goddard, Audrey

/ APPLICANT: Godowski, Paul J.

/ APPLICANT: Gurney, Austin L.

/ APPLICANT: Sherwood, Steven

/ APPLICANT: Smith, Victoria

/ APPLICANT: Stewart, Timothy A.

/ APPLICANT: Tumas, Daniel

/ APPLICANT: Watanabe, Colin K

/ APPLICANT: Wood, William

/ APPLICANT: Zhang, Zemin

/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

/ TITLE OF INVENTION: ACIDS ENCODING THE SAME

/ FILE REFERENCE: P33301C304

/ CURRENT APPLICATION NUMBER: US/10/145,876

/ CURRENT FILING DATE: 2002-05-14

/ Prior Application removed - See File Wrapper or Palm

/ NUMBER OF SEQ ID NOS: 550

/ SEQ ID NO 189

/ LENGTH: 2150

/ TYPE: DNA

/ ORGANISM: Homo Sapien

US-10-145-876-189

Query Match  
Best Local Similarity 5.4%; Score 146.8; DB 12; Length 2150;  
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

QY 187 GCTACACCCAGAGGCCATCCATTTCCAGCTCTGTGGTGGAGGCTCAAGGCTGGCGTCC 246  
DB 119 GCTGGAGCCAGCGGGGAGCAGATCGCTTCCGCTTCCAGTGGCGGCTTCAAGGCTGGCGTCC 178





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Db 419 CTGTGAGAGTGATCTGGGCTACCACTGATGAGAGTGCAGAGAGCTGGTCCCAAGTACC 478
QY 544 GCTCGGGCTGCAGATGGGGTGCAGAGGTGCAGCTCTGAAAGCCCAATATCCCGAAC 603
Db 479 ---ATGACTCCAAATAGGGGCA CCAAGAGTTTGGGTTATTGAATCTTGAGAAAC---TA 532
QY 604 CGGAGTTGCCCTCAGACGGTGCACCATGAGGTTCCAGTCCCAATATCCAGATCCCA 663
Db 533 GTGTGCTATCTACAGCTTACCATCTTGTATCTGGTAAATCAGGAGCTCCCATCCCAA 592
QY 664 GCCAGGAGACACGCTACTGTGTGTACATTAAGGAGCTTCCAAAGGGCTTCTCTCGCAC 723
Db 593 ACAAGATACAACTATTTGGTGCCTAAATGTTTAAGATTCTGTGTTCCAGAAAGCATC 652
QY 724 ACATTATCAAGTACAGGCCATCTGCACCAAGGCCATGAGGCCCTTGTCCACCATGG 783
Db 653 ATGTAATAAGGTTGAGCCAGTGATACAGAGAGGCCATGAGAGTCTGTGTGCACCATCC 712
QY 784 AAGTCTTCCAGTGGCCCCCGA---GATGACAGCGTCCCACTTCCAGGGCTTCCAGGGCCCTGG 840
Db 713 TGGCTTATCAGTGCAGCAAACTTTTAACGACAGCGTTCTGAGTCCGGCCACGAGTGCT 772
QY 841 ACTCCAAGATCAAAACCGGCGCTCACTACGCGCCAGCGTGTGCGCGCTTGGGCC 900
Db 773 ATCACCCCAACATGCCCGATGCAATCTCTACCTGTGAAACTGTGATTTTGGCTGGGCTA 832
QY 901 TGGGTGCCAAGGCAATTTTACTACCCAGAGGAAGCGCGCTTCCCTTGGGGTCCAGGGT 960
Db 833 TTGGTGAGAGGGCTTTTCTTATCCACCTCATGTTGGATTATCCCTTGGCACTCCATTAG 892
QY 961 CCTCCAGATATCCCGCTGGAGTTCACTACCAACCCACTGGTGTGATGAAGAGCA 1020
Db 893 ATCCGATATATGCTCTAGAGTCCATTATGATAATCCCACTTATGAGGAAGCTTAA 952
QY 1021 ACAGCTCTCAGGCAATCGCTTTGTACTACAGACCAAGCTGGCGCTTCAACCGGGGA 1080
Db 953 TAGATAAATCTGAGCTGAGGTTATTTTACACATGATATGAAGAAATATGATGCTGGG 1012
QY 1081 TCATGAGCTGGGACTGGGTGTACAGCCAGTGTAGGCCATTTCCACCGGAGACCGCCT 1140
Db 1013 TGATTGAGCTGGCTCTGGGTGAGCTTCTTCCATACCATCCCTTCCAGGGATGCTGAGT 1072
QY 1141 TCATCTCACTGGTCTGCAAGCAAGTGCACCCAGCTGGCACTG-----CCTC 1191
Db 1073 TCCAGTCTGAGGTCACCTGCACTTTGGAGTCTCTGGAAGGCTCTGGAAGCCGAAAGC 1132
QY 1192 CCTCCGGATCCACATCTTCCCTCTCAGCTTCAACACCTGACTGGAGAAAGGTGG 1251
Db 1133 CAAGTGGAAATCATGTGTCTGTTCTTCTTCAATGCTCACTGGCTGGCAGAGGATCA 1192
QY 1252 TCACAGTCTGGTCCGGACGGCGGAGTGGGAGATCGTGAACCAAGCAATCACTACA 1311
Db 1193 GGCTGCTGCTATTTTGAAGAGGAGGAATGAATTTACTTGGCTATGATGATGTTTG 1252
QY 1312 GCCCTCACTTCCAGGATCCGATGTTGAAGAGGTGCTGTGGTCTCACTCGGAGATG 1371
Db 1253 ACTTCAATTTCCAGGATTTCAATGATCTAAAGAGAAACAAATCTTTACCAAGAGATA 1312
QY 1372 TGCTCATCACTCTGCACTGCAACACCGAAGACCGGAGCTGGCCACAGTGGGGGCT 1431
Db 1313 ACCTAATTAAGTGTGCTGCTACACACGAAAGATAGACTGAGATGACTTGGGGAGGAC 1372
QY 1432 TCGGATCTGGAGGAGATGTTGTCACTAGTCACTGCTACTACTACCC 1477
Db 1373 TAGCACCAGAGTGAATGTGCTCTCATACCTTTTATTATCC 1418

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RESULT 40

US-10-146-724-189  
; Sequence 189, Application US/10146724  
; Publication No. US20030134373A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.

```

; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C317
; CURRENT APPLICATION NUMBER: US/10/146, 724
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 189
; LENGTH: 2150
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-146-724-189

Query Match
Best Local Similarity 5.4%; Score 146.8; DB 12; Length 2150;
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

QY 187 GCTACACCCAGGAGCCATCCATTTCCAGCTCTGTGTGCGAGGCTCAAGGCTGGCGTCC 246
Db 119 GCTGAGGCCACGGGGGAGCCAGATCGCTTCCGCTCCAGGTGCGCACTGCGAGGCTACG 178
QY 247 TG---TTTGGATCTCCGACCGTGGGAGCTTGAGAAACGAGATCTCGTGGTCTTGA 303
Db 179 TGGGCTTCGGGCTTCTGCCACCGGGGCCATGCGTCCGCCACATCTGCTGGGGGGG 238
QY 304 CCGATGGGACACTGCTTATTTTGGCGACGCTGGAGTGACCAAGGGGCGAGTCCACC 363
Db 239 TGGGCCACGGGGCGGCTTACCTCCAGATTTATTTTCAAAATGCAATAGAGATTGAAA 298
QY 364 TGGATCCCGAGGAGTACCACTGCTGAGTGCGAGAGGACCCAGAGGCTGACCC 423
Db 299 AAGATGCTCAGCAAGATTACCATCTAGATATGCCATGAAATAGCACACAAATAA 358
QY 424 TGCTTTTCAAGAGGCCCTTTGGCACTGCGACCCCAAGGATTTACCTATTGAAGACGCA 483
Db 359 TTGAATTTACAGAGAGCTGCATACATGTGACATAAATGCAAGAGTATAACGGATAGA 418
QY 484 CTGTCCACTTGTGTCTACGGGATCTTGGAGAGGAGCCGCTTCCGGTCACTGAGGCGCATCAACG 543
Db 419 CTGTGAGAGTGTCTTGGGCTTACCATGAGATGAGATGAGAGGAGCTGGTCCCAAGTACC 478
QY 544 GCTCGGGCTGAGATGGGGTGCAGAGGTGCGAGCTCTGAAAGCCCAATATCCCGAAC 603
Db 479 ---ATGACTTCAATAGGGGACCAAGAGTTTGGGCTTATTGAACTCTGAGAAAC---TA 532
QY 604 CGGAGTGGCCCTCAGACGCGTGCACCATGAGGTTCCAGGCTCCCAATATCCAGATCCCA 663
Db 533 GTGTGCTATCTACAGCTTACCATCTTGTATCTGGTAAATCAGGAGCTCCCATCCCAA 592
QY 664 GCCAGGAGACACGCTACTGTGTGTACATTAAGGAGCTTCCAAAGGGCTTCTCTCGGCACC 723
Db 593 ACAAGATACAACTATTTGGTGCCTAAATGTTTAAGATTCTGTGTTCCAGAAAGCATC 652
QY 724 ACATTATCAAGTACAGGCCATCTGTCACCAAGGCAATGAGGCGCTTGTCCACCATGG 783
Db 653 ATGTAATAAGGTTGAGCCAGTGATACAGAGGCCATGAGAGTCTGGTGCACCATCC 712

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